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# INTRODUCTION TO THE STUDY OF THE GREEK DIALECTS 

GRAMMAR<br>SELECTED INSCRIPTIONS<br>GLOSSARY

BY

## CARL DARLING BUCK

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TO
THE MEMORY OF
THOMAS DAY SEYMOUR


## PREFACE

The aim of this work is to furnish in concise form the essential material for an introductory study of the Greek dialects. Hitherto there has been no single volume intended to fulfill the requirements of college and graduate students who wish to gain a first-hand knowledge of Greek dialects, whether for a better understanding of historical Greek grammar, or for a greater appreciation of the variety of speech in the Greek world, only half suspected from the few dialects employed in literature, or as a substantial foundation for a critical study of these literary dialects, or merely for the ability to handle intelligently the numerous dialect inscriptions which are important in the investigation of Greek institutions.

It is now more than ten years since the author formed the plan of publishing a brief collection of Greek dialect inscriptions with explanatory notes for the use of students, and made a selection for this purpose. At that time Cauer's Delectus inscriptionum Graecarum ( 2 d ed. 1883), which proved useful for many years, had already ceased to be a representative collection of dialect inscriptions. In the case of several dialects the material there given was quite overshadowed in importance by the discoveries of recent years. In the meantime this situation has been relieved by the publication of Solmsen's Inscriptiones Graecae ad inlustrandas dialectos selectae. But another need, which it was equally a part of the plan to supply, namely of more explanatory matter for the assistance of beginners in the subject, has remained unfilled up to the present time, though here again in the meantime a book has been announced as in preparation (Thumb's Handbuch der griechischen Dialekte) which presumably aims to serve the same purpose as the present one.

With regard to the explanatory matter, the first plan was to accompany the inscriptions not only by exegetical, but also by rather full grammatical notes, with references to the grammars where the
peculiarity in question was treated as a whole. But the desire to include all that was most essential to the student in this single volume led to the expansion of the introduction into a concise "Grammar of the Dialects," and the author has come to believe that this may prove to be the most useful part of the work. Without it the student would be forced at every turn to consult either the larger Greek Grammars, where, naturally, the dialectic peculiarities are not sifted out from the discussion of the usual literary forms, or else the various grammars of special dialects. For, since Ahrens, the works devoted to the Greek dialects, aside from discussions of special topics, have consisted in separate grammars of a single dialect or, at the most, of a single group of dialects. Some of the advantages which this latter method undoubtedly possesses we have aimed to preserve by means of the Summaries (pp. 129-153).

Highly important as are the dialects for the comparative study of the Greek language, this Grammar is distinctly not intended as a manual of comparative Greek grammar. It restricts itself to the discussion of matters in which dialectic differences are to be observed, and the comparisons are almost wholly within Greek itself. Furthermore, the desired brevity could be secured only by eliminating almost wholly any detailed discussion of disputed points and citation of the views of others, whether in agreement or in opposition to those adopted in the text. Some notes and references are added in the Appendix, but even these are kept within narrow limits. Several of these references are to articles which have appeared since the printing of the Grammar, which began in September 1908, was completed.

Especial pains have been taken to define as precisely as possible the dialectic distribution of the several peculiarities, and it is believed that, though briefly stated and without exhaustive lists of examples, fuller information of this kind has been brought together than is to be found in any other general work. But, as the most competent critics will also be the first to admit, no one can be safe from the danger of having overlooked some stray occurrence of a given peculiarity in the vast and still much scattered material; and, furthermore, such statements of distribution are subject to the need of continual revision in the light of the constantly appearing new material.

The reasons for not attempting in the Grammar a fuller account of the peculiarities exhibited by our literary texts in dialect are set forth on p. 14.

The Selected Inscriptions show such a noticeable degree of coincidence with the selection made by Solmsen, in the work cited above, that it is perhaps well to state expressly that this is not the result of having simply adopted a large part of his selections with some additions, as it might appear, but of an independent selection, made some years before the appearance of his work, and, except for some necessary reduction, adhered to with probably not over half a dozen substitutions. For a brief collection the choice of the most representative inscriptions from a time when the dialects are comparatively unmixed is fairly clear. The later inscriptions with their various types of dialect mixture are of great interest, and some few examples of these have been included. But to represent this phase adequately is possible only in a much more comprehensive collection.

The transcription employed is also identical with that used by Solmsen in his second edition, but this again is the result of longsettled conviction that this system, as used for example by Baunack in his Inschriften von Gortyn (1885) and his edition of the Delphian inscriptions (1891), is the one best adapted for a work of this kind.

The brevity of the notes is justified by the assistance given in other parts of the book. If, before beginning the inscriptions of a given dialect, the student familiarizes himself with its main characteristics by the help of the Summaries (180-273), he will not feel the need of a comment or reference for a form that, from the point of view of the dialect in question, has nothing abnormal about it. Furthermore, the Glossary makes it unnecessary to comment on many individual words. Detailed discussion of the problems of chronology, constitutional antiquities, etc. which are involved in many of the inscriptions is not called for in a work the principal aim of which is linguistic.

It is sometimes advisable for a student to depart from the order in which the inscriptions are given, and to begin his study of a dialect with one of the later inscriptions, e.g. in Arcadian to read first no. 18 , leaving until later the more difficult nos. $16,17$.

The Glossary and Index, besides serving as an index to the Grammar, is intended to include all words occurring in the Selected Inscriptions which are not to be found in Liddell and Scott, or exhibit unusual meanings.

Some time after this book was first planned, I learned that the editors of the College Series had already arranged for a volume dealing with the monuments, inscriptional and literary, which represent the different dialects of Greece, by Professor H. W. Smyth. But, finding that Professor Smyth, because of other interests, was quite willing to relinquish the task, the editors invited me to contribute my contemplated work to the Series. The late Professor Seymour, under whom more than twenty years ago I had read my first dialect inscriptions, gave me valuable counsel on the general plan, and before his lamented death read over a large part of my manuscript. I am also under obligation to Professor Gulick for the great care with which he has read the proofs and for important suggestions. The proofreading in the office of the publishers has been so notably accurate and scholarly that I cannot omit to express my appreciation of it.
C. D. B.

Chicago, November 1909

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## ABBREVIATIONS

The following abbreviations are employed for languages, dialects, and local sources of the forms quoted.

Acarn. $=$ Acarnanian
Ach. $=$ Achaean
Aegin. $=$ Aeginetan
Aetol. $=$ Aetolian
Agrig. $=$ of Agrigentum
Amorg. $=$ of Amorgos
And. = of Andania
Arc. $=$ Arcadian
Arc.-Cypr. = Arcado-Cyprian
Arg. $=$ Argive (of Argos)
Argol. $=$ Argolic (of Argolis)
Astyp. = of Astypalaea
Att. $=$ Attic
Att.-Ion. $=$ Attic-Ionic
Av. or Avest. = Avestan
Boeot. $=$ Boeotian
Calymn. = of Calymna
Carpath. $=$ of Carpathus
Chalced. $=$ of Chalcedon
Chalcid. $=$ Chalcidian
Cnid. $=$ Cnidian
Corcyr. = Corcyraean
Corinth. = Corinthian
Cret. $=$ Cretan
Cypr. $=$ Cyprian
Cyren. $=$ of Cyrene
Delph. $=$ Delphian
Dodon. $=$ of Dodona
Dor. $=$ Doric
El. = Elean
Eng. = English
Ephes. = Ephesian
Epid. $=$ Epidaurian
Epir. $=$ Epirotan
Eretr. = Eretrian
Eub. = Euboean

Germ. = German
Gortyn. = Gortynian
Heracl. = Heraclean
Herm. = of Hermione
Ion. $=$ Ionic
Lac. $=$ Laconian
Lat. = Latin
Lesb. $=$ Lesbian
Locr. $=$ Locrian
Mant. $=$ Mantinean
Meg. = Megarian
Mel. = of Melos
Mess. $=$ Messenian
Mil. $=$ of Miletus
Mycen. = of Mycene
Nisyr. $=$ of Nisyrus
N.W.Grk. = Northwest Greek

Olynth. = of Olynthus
Orop. $=$ of Oropus
Pamph. $=$ Pamphylian
Phoc. $=$ Phocian
Rheg. $=$ of Rhegium
Rhod. $=$ Rhodian
Selin. = of Selinus
Sicil. $=$ Sicilian
Sicyon. = Sicyonian
Skt. $=$ Sanskrit
Stir. = of Stiris
Styr. $=$ of Styra
Sybar. = of Sybaris
Syrac. $=$ Syracusan
Teg. = Tegean
Thas. $=$ of Thasos
Ther. $=$ Theran
Thess. $=$ Thessalian
Troez. $=$ of Troezen

In abbreviating the names of Greek authors and of their works, Liddell and Scott's list has been generally followed. Note also the more general gram. = grammatical (forms quoted from the ancient grammarians), and lit. = literary (forms quoted from the literary dialects without mention of the individual authors).

For abbreviations of modern works of reference, see under the Bibliography, pp. 281 ff .

Other abbreviations which are occasionally employed will be readily understood, as cpd. = compound, dat. = dative, imv. = imperative, $1 .=$ line, pl. = plural, sg. = singular, subj. = subjunctive.

# PART I: GRAMMAR OF THE DIALECTS 

## INTRODUCTION

Classification and Interrelation of the Dialrcts ${ }^{1}$

1. When the ancient grammarians spoke of the four dialects of Greece - Attic, Ionic, Aeolic, and Doric, to which some added the кouv ${ }^{\prime}$ as a fifth - they had in mind solely the literary dialects, which furnished the occasion and object of their study. But these literary dialects represent only a few of the many forms of speech current in Greece, most of which play no part whatever in literature, and, apart from some scattered glosses, would be entirely unknown to us were it not for the wealth of inscriptions which the sril of Greece has yielded in modern times.

The existence of Ionic, Aeolic, and Drric elements in the perple and speech of Greece is an undrubted fart of Gireek history, and one of first importance to an understanding of the dialect relations. But there is no warrant, either in the earlier (ircok tradition or in the linguistic evidence, for making this an all-inclusive clamification. These three elements were preripitated, ass it weres, oft the coast of Asia Minor, where their juxtaysition gave riwe to, the historical recognition of the distinction. And ate the Ionianm, Aroliatis,
 was a natural and proper inferesore of thes histriants that they prom


[^0]the mother country. ${ }^{1}$ As to who were the Dorians of Greece proper there was of course no mystery. They, formed a well-defined group throughout the historical period, and the tradition that they came originally from the Northwest is completely borne out by the close relationship of the Doric and Northwest Greek dialects (see below). That the Ionians were akin to the inhabitants of Attica was an accepted fact in Greek history, and the Athenians are called Ionic both in Herodotus (e.g. 1.56) and Thucydides (6.82, 7.57). The linguistic evidence is equally unmistakable. The only uncertainty here is as to the extent of territory which was once Ionic. There are various accounts according to which Ionians once occupied the southern shore of the Corinthian gulf, the later Achaea (e.g. Hdt. 1.145-146, 7.94), Megara (e.g. Strabo 9.392), Epidaurus (e.g. Paus. 2.26.2), and Cynuria (Hdt. 8.73). If these accounts in themselves are of questionable value, yet we cannot doubt that the Ionians before the migration were not confined to Attica. The close relations of Epidaurus and Troezen with Athens, in cult and legend, are significant for the Argolic Acte, and it is reasonable to assume that at least the entire shore of the Saronic gulf was once Ionic. ${ }^{2}$

The affinities of the Aeolians were more obscure, for theirs was the earliest migration to Asia Minor, the most remote from the historical period. But Thessaly was the scene of their favorite legends, the home of Achilles, as also of their eponymous hero Aeolus, and many of their place-names had their counterpart in Thessaly. In Herodotus we find the tradition that the Thessalians of the historical period were invaders from the west who occupied

[^1]what had hitherto been an Aeolic land, ${ }^{1}$ and with this the linguistic evidence is in perfect accord. For Thessalian is of all dialects the most closely related to Lesbian, and at the same time shares in some of the characteristics of the West Greek dialects, this admixture of West Greek elements being somewhat stronger in Thessaliotis than in Pelasgiotis. See 201, 202, 210, and Chart I. The Boeotians also are called Aeolians by Thucydides, ${ }^{2}$ and the Boeotian dialect is, next to Thessalian, the most closely related to Lesbian. These three have several notable characteristics in common (see 201 and Chart I), and are known as the Aeolic dialects. But in Boeotian there is an even stronger admixture of West Greek elements than in Thessalian (see 217 and Chart I), the historical explanation of which must be the same. If we credit the statement of Thucydides that the Boeotian invaders were from Arne, whence they had been driven by the Thessalians, ${ }^{3}$ we should recognize in these Boeotians, not a part of the old Aeolic population of Thessaly, but a tribe of West Greek invaders from Epirus (cf. Mt. Boeon), like the Thessalians who forced them onward. The Aeolic element is to be ascribed rather to the tribes, or some of them, comprising the early stratum, as for example the Minyans of Orchomenos. However obscure such details may be, the evidence is perfectly clear that both Boeotia and Thessaly were once Aeolic, but were overrun by West Greek tribes which adopted the speech of the earlier inhabitants in greater or less degree.

It is a natural presumption, of which there are some specific indications, that not only Thessaly and Boeotia but the intermediate lands of Phocis and Locris, and even southern Aetolia-in fact-

[^2]all that portion of Greece north of Attica which plays a rôle in the legends of early Greece - was once Aeolic. Phocaea in Asia Minor, which, though later Ionic, surely belonged originally to the strip of Aeolic colonies, was believed to be a colony of Phocis, and in the dialect of Phocis there are actually some relics of Aeolic speech, as the dative plural of consonant stems in $-\epsilon \sigma \sigma \iota$ (107.3), which is also found in eastern Locris. As for southern Aetolia, the region of Calydon and Pleuron was once called Aeolis according to Thucyd-. ides, ${ }^{1}$ and the probability is that the Aetolians of the Homeric period were Aeolic, though their name was taken by the later, West Greek, invaders. The Aetolian occupation of Elis was an accepted tradition, and the existence of an Aeolic element in the dialect of Elis, like the dative plural in $\epsilon \sigma \sigma \iota$, may be brought into connection with this if we assume that while the invaders were Aetolians in the later sense, that is West Greek, as' Elean is distinctly a West Greek dialect, they had nevertheless adopted certain characteristics of the earlier Aeolic Aetolian and brought them to Elis. Corinth was also once occupied by Aeolians according to Thucydides, ${ }^{2}$ and it is a noteworthy fact that the dative plural in $-\epsilon \sigma \sigma \iota$, which is unknown in other Doric dialects, is found in various Corinthian colonies (107.3).

But we have passed beyond the limits within which the term Aeolic, or in general the division into Ionic, Doric, and Aeolic, can with any propriety be applied to the peoples and dialects of the historical period. It is only in Strabo that these three groups are made into an all-inclusive system of classification, by means of an unwarranted extension of Aeolic to include everything that is not Ionic or Doric. And yet it is, unfortunately, this statement of Strabo's, ${ }^{3}$ the error of which has long since been recognized, that

[^3]has often been taken as representative of ancient tradition and still colors, in the literal sense, our maps of ancient Greece. The historical Phocians, Locrians, Aetolians, etc., were not, as Strabo's statement implies, called Aeolic. Neither in Herodotus, Thucy ${ }^{\text {di }}$ des, nor any early writer, are they ever brought under any one of the three groups. Their dialects, with that of Elis, which Strabo also calls Aeolic, all of which may be conveniently designated the Northwest Greek dialects, are, in spite of some few traces of Aeolic as mentioned above, most closely related to the Doric dialects. There is scarcely one of the general characteristics common to the Doric dialects in which they do not share, though they also have certain peculiarities of their own. See 223 with $a, 226$, and Chart I. If we were to classify them under any one of the three groups, it is unquestionably Doric to which they have the best claim, and if Strabo and our maps so classed them there would be no very serious objection. Indeed modern scholars do often class them under "Doric in the wider sense," calling them then specifically " North Doric." But on the whole it seems preferable to retain the term Doric in its historical application and employ West Greek as the comprehensive term to include the Northwest Greek dialects and the Doric proper.

In fact the most fundamental division of the Greek dialects is that into these West Greek and the East Greek dialects, the terms referring to their location prior to the great migrations. The East Greek are the "Old Hellenic" dialects, that is those employed by the peoples who held the stage almost exclusively in the period represented by the Homeric poems, when the West Greek peoples remained in obscurity in the northwest. To the East Greek division belong the Ionic and Aeolic groups, though, of the latter, Thessalian and Boeotian, as explained above, are mixed dialects belonging in

[^4]part also in the West Greek division. And to East Greek belongs also another group, the Arcado-Cyprian.

No two dialects, not even Attic and Ionic, belong together more ohyiously than do those of Arcadia and the distant Cyprus. They suare in a number of notable peculiarities which are unknown elsewhere. See 189 and Chart I. This is to be accounted for by the fact that Cyprus was colonized, not necessarily or probably from Arcadia itself, as tradition states, but from the Peloponnesian coast, at a time when its speech was like that which in Arcadia survived the Doric migration. This group represents, beyond question, the pre-Doric speech of most of the Peloponnesus, whatever we choose to call it. The term Achaean is used in so many different senses ${ }^{1}$ that it might be well to avoid it entirely. But it is convenient to apply it to this group, which actually has the best claim to it, whenever the need is felt of some other term than Arcado-Cyprian, which, while describing accurately what is left of the group in the historical period, is strikingly infelicitous when applied to prehistoric times. The relations of this group to the others of the East Greek division, especially Aeolic, are the most difficult to interpret historically. Strabo, of course, calls the Arcadians Aeolic, but without warrant in earlier usage. For example, Thucydides, in describing the forces engaged at Syracuse (7.57), makes the most of the distinction between Ionic, Doric, and Aeolic nations, but does not class the Arcadians with any one of these. Yet the Arcadian and Cyprian dialects show notable resemblances to the Aeolic dialects which cannot be accidental (see 190.3-6 and Chart I), and some would class them all together under the head of "Aeolic in the widest sense" or "Achaean" (Aeolic in the usual sense then appearing as "North Achaean"). On the other hand, many of the characteristics common to the Aeolic dialects are lacking,

[^5]and there are certain points of agreement with Attic-Ionic (see 190.1, 193.2,3, and Chart I). One may surmise that the latter, which are in part confined to Arcadian, are due to contact with Ionians on the coast of the Peloponnesus (see above, p. 2), and that the connections with Aeolic are earlier and more fundamental, reflecting a period of geographical continuity with Aeolic peoples somewhere in Northern Greece. But that brings us before the "mystery of the Achaean name," that most difficult problem of the relation between the Achaeans of the Phthiotis and the pre-Doric Achaeans of the Peloponnesus, and of those again to the historical Achaeans on the Corinthian Gulf, whose dialect is West Greek. Conservative procedure here consists in recognizing Arcado-Cyprian, or Achaean, as a distinct group intermediate between Aeolic and Attic-Ionic, and conceding that the precise historical background of their interrelations is hopelessly obscure. Arcadian shows some few West Greek peculiarities which we may properly attribute to the influence of the surrounding Doric dialects in the historical period.

Just as in the Northwest Greek dialects some traces of the former Aeolic speech have survived, as noted above, so it is not surprising to find some traces of Achaean speech in the Doric dialects spoken in lands formerly Achaean. For example, in Laconia Poseidon was worshiped under the name of Mohoi $\delta{ }^{2} \nu$, which recalls Arc. Moooo ád $^{\prime}$, the true Doric form being Пoтor$\delta a ́ \nu(49.1,61.5)$. Here possibly belongs $i \nu=e ̀ \nu$ in some Cretan inscriptions (10). Besides survivals which bear specifically either the Aeolic or the Achaean stamp, there are others of forms which are common to both, and so from the linguistic point of view might be called Aeolic-Achaean, only their provenance leading us to infer either Aeolic or Achaean source (e.g. probably Achaean, тє入є $\quad$ форévtes $157, \pi \epsilon \delta a ́ 137.5$, ypoфєús etc. 5, 6); or again others which might be called simply East Greek without further differentiation. But, apart from some few striking examples, the question of survival versus accidental agreement or historical borrowing is a very delicate one.

The classification of the dialects is then, in outline, as follows: ${ }^{1}$

West Greek Division

1. Northwest Greek: Phocian, Locrian, Elean, etc.
2. Doric: Laconian, Corinthian, Argolic, Cretan, etc.

## Edst Greek Division

1. Attic-Ionic.
2. Aeolic: Lesbian, Thessalian, Boeotian.
3. Arcado-Cyprian or Achaean.
4. The Greek dialects, classified in accordance with the preceding scheme, and with their important subdivisions noted, are the following. For summaries of the characteristics of each, see 180-273.

## EAST GREEK

## I. The Attic-Ionic Group

1. Attic.
2. Ionic.
A. East Ionic, or Ionic of Asia Minor. The Ionic cities of the coast of Asia Minor and the adjacent islands, Samos, Chios, etc., together with their colonies, mostly on the Hellespont, Propontis, and Euxine. There are some local varieties, of which the most marked is Chian, containing some Lesbian features.
B. Central Ionic, or Ionic of the Cyclades. The Ionic Cyclades, Naxos, Amorgos, Paros with its colony Thasos, Delos, Tenos, Andros, Ceos, etc.
C. West Ionic, or Euboean. Chalcis (with its colonies in Italy, Sicily, and the Chalcidian peninsula) and the other cities of Euboea. A local dialect with marked characteristics is the Eretrian, seen in the inscriptions of Eretria and Oropus.
[^6]- II. The Arcado-Cyprian or Achaean Group

1. Arcadian. The most important material is from Tegea and Mantinea.
2. Cyprian. There are numerous short inscriptions, and one of considerable length, the bronze of Idalium. All are in the Cyprian syllabary.

## III. The Aeolic Group

1. Lesbian, or Asiatic Aeolic. ${ }^{1}$ The inscriptional material is fairly extensive, but late. There is nothing approaching the time of the poems of Alcaeus and Sappho, and very little that is older than the Macedonian period. Most of the inscriptions are from the chief cities of Lesbos, but a few are from other islands and towns of the Aeolic mainland.
2. Thessalian. ${ }^{2}$ Two subdivisions with marked differences are formed by the dialect of Pelasgiotis and that of Thessaliotis, which may be conveniently, if not quite appropriately, designated as East and West Thessalian.

From Phthiotis there is an early Thessalian inscription, but most of the material is from the period of Aetolian domination and in ${ }_{1}$ the Northwest Greek кoוv $\eta$. See 279. From Histiaeotis, Perrhaebia, and Magnesia the material is very scanty.
3. Boeotian. ${ }^{2}$ The material is very extensive, and representative of all the important Boeotian towns, but is meager for the early period.

## WEST GREEK

## IV. The Northwest Greek Group

1. Phocian. A large part of the material,including nearly all that is of an early date, is from Delphi, and is quoted specifically as Delphian.

[^7]2. Locrian. The early and important inscriptions are from western Locris. From eastern Locris the material is meager and late.
3. Elean. All the material, much of which is very early, is from Olympia.
4. The Northwest Greek coiv $\eta$. Employed in Aetolia and other regions under the domination of the Aetolian league. See 279.

Note. Only Phocian, Locrian, and Elean are known to us as distinct dialects of this group. Of others which presumably belong here we have practically no material from a time when they retained their individuality. In Aetolia, for example, before the rise of the Northwest Greek couv' there was undoubtedly a distinct Northwest Greek dialect, probably most nearly related to Locrian, but of this pure Aetolian we have no knowledge. Of the speech of Aeniania and Malis previous to the Aetolian domination we have no remains. It is natural to suppose that Northwest Greek dialects were once spoken also in Acarnania and Epirus. But here the influence of the Corinthian colonies was strong from an early period, as shown by the use of the Corinthian alphabet in the few early inscriptions; and in later times, from which nearly all the material dates, the language employed is not the Northwest Greek кoıv ${ }^{\prime}$, but the Doric кouv', like that of the contemporaneous inscriptions of Corcyra. See 279. Hence the actual material from Acarnania and Epirus is more properly classified with Corinthian. From Cephallenia and Ithaca we have decrees in the Northwest Greek couv' from the Aetolian period (see 279), but from earlier times not enough to show whether the dialect was Northwest Greek or Doric. From Zacynthus there is almost nothing. The dialect of Achaea (i.e. Peloponnesian Achaea in the historical period) is generally believed to belong to this group. This is probable on general grounds, but there is as yet no adequate linguistic evidence of it. For, apart from the inscriptions of Achaean colonies in Magna Graecia, which, both on account of their meagerness and the mixed elements in the colonization, are indecisive, nearly all the material is from the time of the Achaean league, and this is not in the Northwest Greek кoเv', but in the same Doric кoเv' that was used in Corinth and Sicyon.

## V. The Doric Group

1. Laconian and Heraclean. Laconia and its colonies Tarentum and Heraclea. Heraclean, well known from the Heraclean Tables, has peculiarities of its own, and is treated as a distinct dialect.
2. Messenian. There is scarcely any material until a late period, when the dialect is no longer pure.
3. Megarian. Megara, and its colonies in Sicily (especially Selinus) and on the Propontis and Bosporus (as Byzantium, Chalcedon, etc.). Except from Selinus the material is late.
4. Corinthian. Corinth, Sicyon, Cleonae, Phlius, and the Corinthian colonies Corcyra (with its own colonies Aṕollonia and Dyrrhachium), Leucas, Anactorium, Ambracia, etc., and, in Sicily, Syracuse with its own colonies. Material from places other than Corinth, though coming under the general head of Corinthian, is generally quoted specifically as Sicyonian, Corcyraean, Syracusan, etc.
5. Argolic. Argos, Mycenae, etc., and the cities of the Acte, as Hermione, Troezen, and Epidaurus together with Aegina. ${ }^{1}$ Argolic (abbreviated Argol.) is used as the general term, while Argive (Arg.) refers more specifically to the material from Argos (with the Argive Heraeum), as Epidaurian to that from Epidaurus.
6. Rhodian. Rhodes (Camirus, Ialysus, Lindus, and the city of Rhodes) with the adjacent small islands (Chalce, etc.) and Carpathus, Telos, and Syme, the settlements on the mainland (the Rhodian Peraea) and Phaselis in Pamphylia, and the Sicilian colonies Gela and Agrigentum (an inscription of Rhegium, though not a Rhodian colony, is in the same dialect). The material is very extensive, but little of it is early.
7. Coan and Calymnian. The material is considerable, but not early.
8. The dialects of Cnidus, and of Nisyrus, Anaphe, Astypalaea, and other small islands. The material is late, and insufficient to determine whether any of these should properly be grouped with Rhodian, Coan, or Theran. Nisyrus, for example, was nearly always connected politically with either Cos or Rhodes.
9. Theran and Melian. Thera with Cyrene, and Melos. Early inscriptions are numerous, but brief.

[^8]10. Cretan. This is now the best-known of all the Doric dialects, owing to the very extensive early material, especially from Gortyna. The dialect of Gortyna and other cities of the great central portion of the island is also known more specifically as Central Cretan, to exclude the divergent type seen in the inscriptions, mostly late, from the eastern and western extremities of the island. See 273. But the term Cretan alone is to be understood as referring to this Central Cretan, unless otherwise stated.

## The Dialects in Literature

3. Of the numerous dialects of Greece a few attained the rank of literary dialects, though for the most part in a mixed and artificial form not corresponding to anything actually spoken at a given time and place. Moreover, in the course of literary development these dialects came to be characteristic of certain classes of literature, and, their rôle once established, the choice of one or the other usually depended upon this factor rather than upon the native dialect of the author.

The literary development of epic songs began with the Aeolians of Asia Minor, whence it passed into the hands of the neighboring Ionians, and the language of Homer, which became the norm of all epic poetry and strongly affected subsequent poetry of all classes, is a mixture of Aeolic and Ionic, - in the main Old Ionic but with the retention of many Aeolic forms, such as $\tilde{a}^{\mu} \mu \mu e s$ beside $\dot{\eta} \mu \in \hat{\imath} \rho$, genitive singular in $-\bar{\alpha} o$ beside $-\epsilon \omega$, etc. The language of Hesiod is substantially the same, but with some Aeolic forms not used in Homer, also some Boeotian and Doric peculiarities. The elegiac and iambic poets also use the epic dialect with some modifications, not only Ionians like Archilochus, but the Athenian Solon, the Spartan Tyrtaeus, the Megarian Theognis, etc.

Of the melic poets, Alcaeus and Sappho followed very closely their native Lesbian dialect, though not entirely unaffected by epic influence. The language of these and other Lesbian poets was
directly imitated by some later writers, notably by Theocritus in three of his idyls, and contributed an important element to the language of many more, e.g. Anacreon of Teos, who in the main employed his native Ionic (New Ionic), and, in general, to the choral lyric, which was mainly Doric.

The choral lyric was developed among Doric peoples, though under the impulse of Lesbian poets, who we know were welcomed in Sparta, for example, in the seventh century. Its language is Doric, with an admixture of Lesbian and epic forms, no matter whether the poet is a Dorian, or a Boeotian like Pindar, or an Ionian like Simonides and Bacchylides. This Doric, however, is not identical with any specific Doric dialect, but is an artificial composite, showing many of the general Doric characteristics, but with the elimination of local peculiarities. An exception is to be made in the case of Alcman, whose Doric is of a severer type and evidently based upon the Laconian, though also mixed with Lesbian and epic forms.

The earliest prose writers were the Ionic philosophers and historians of the sixth century, and in the fifth century not only Herodotus, but Hippocrates of Cos, a Dorian, wrote in Ionic. In the meantime, with the political and intellectual supremacy of Athens, Attic had become the recognized language of the drama, and before the end of the fifth century was employed in prose also, though the earlier prose writers as Thucydides, like the tragedians, avoided certain Attic peculiarities which were still felt as provincialisms (e.g. $\tau \tau=\sigma \sigma, \rho \rho=\rho \sigma$ ). Henceforth Attic was the language of literary prose.

The dialects mentioned are the only literary dialects known and cultivated throughout the Greek world. But some few others were employed locally. Epicharmus and Sophron wrote in their native Syracusan Doric, as did, later, Archimedes. A form of Doric prose was developed among the Pythagoreans of Magna Graecia, seen in some fragments of Archytas of Tarentum, Philolaus of Croton, and others, though the greater part of the writings of this class are
spurious. The comic poet Rhinthon, from whom the grammarians sometimes quote, used the Doric of Tarentum. The fragments of Corinna of Tanagra, whose fame was scarcely more than local, are in Boeotian, and the Boeotian dialect, as well as Megarian and Laconian, are caricatured by Aristophanes. But the great majority of the dialects play no rôle whatever in literature.

Even for those dialects which are represented, the literary remains must for the most part be regarded as secondary sources, not only because of their artificial character but also because of the corruptions which they have suffered in transmission. Exceptional importance, however, attaches to the language of Homer because of its antiquity, and to the Lesbian of Alcaeus and Sappho because it is relatively pure and much older than the inscriptional material.

Note. In the following exposition, dialectic forms from literary and grammatical sources are not infrequently quoted, especially where the inscriptional evidence is slight, as it is, for example, quite naturally, for the personal pronouns. Such forms are sometimes quoted with their specific sources, sometimes simply as literary Doric (lit. Dor.), literary Lesbian (lit. Lesb.), literary Ionic (lit. Ion.), or grammatical (gram.). But a detailed treatment of the dialectic peculiarities observed in our literary texts is so bound up with questions of literary tradition and textual criticism that it is best left to the critical editions of the various authors. It would be impracticable in a work of the present scope, and would, moreover, tend to obscure that more trustworthy picture of the dialects which is gained from inscriptions, and which is so important as a basis for the critical study of the mixed literary forms.

## PHONOLOGY

## The Alphabet

4．The numerous differences in the local alphabets，so far as they consist merely in variations of the forms of the letters，need not be discussed here，important as they are to the epigraphist in deciding the age and source of inscriptions．But oertain points in the use of the alphabet and its development as a means of express－ ing the Greek sounds should be noted．

1．In the most primitive type of the Greek alphabet，as it is seen in the earliest inscriptions of Crete，Thera，and Melos，the non－Phoenician signs $\Phi, X, Y$ have not yet been introduced，and the王 is not in use．The sounds of $\phi, \chi$ are represented by $\pi h, \kappa h$ （or $\rho h$ ），or，as in Crete，where 日（H）when used is $\eta$ not $h$ ，are not distinguished from $\pi, \kappa$ ；those of $\psi, \xi$ ，by $\pi \sigma, \kappa \sigma$ ．

2．In the next stage of development，after the introduction of $\boldsymbol{\phi}, \mathrm{X}, \Psi$, the alphabets fall into two classes，according to the values attached to these signs．The eastern division，to which Ionic belongs，employs them as $\phi, \chi, \psi$ ，and also uses the $玉$ as $\xi$ ，though a subdivision of this group，represented mainly by the Attic alpha－ bet，uses only the first two and expresses $\psi, \xi$ by $\phi \sigma, \chi \sigma$ ．The western division，${ }^{1}$ to which belong the majority of the alphabets of Greece proper as well as that of Euboea，whence it was carried to Italy by the Chalcidian colonies and became the source of the Latin alphabet，employs $\Phi, X, \Psi$ as $\phi, \xi, \chi$, not using $玉$ at all，and

[^9]generally expressing $\psi$ by $\pi \sigma$ or, oftener, $\phi \sigma$ (only in Locrian and Arcadian by a special sign $*$ ).
3. In the earliest inscriptions nearly all the alphabets have the $f$ (vau or digamma); and many the 9 (koppa), which is used before o or $v$, and that too even if a liquid intervenes, e.g. Yopıv $\theta$ ó $\theta \in \nu$,
 tions it is very rare).
4. Two signs were available for $\sigma$, namely $\leq$ or $\leqslant$ (sigma) and $M$ (san), and most alphabets use one of these to the exclusion of the other. But there are some few examples of a differentiation. In an early Arcadian inscription of Mantinea (no. 16), the character n , a simplified form of the san; which is known from other sources, is used to denote a sibilant of specifically Arcado-Cyprian origin, as in hıs (transcribed $\sigma \iota \varsigma$ ) $=$ Cypr. $\sigma \iota \varsigma$, Att. $\tau \iota \varsigma$. See 68.3. A sign $T$, which is also probably a modification of the san, is used in some Ionic inscriptions of Asia Minor for the usual $\sigma \sigma=$ Att. $\tau \tau$, e.g. from Halicarnassus 'A $\lambda \iota \kappa а \rho \nu a т e ́(\omega) \nu$ beside 'A $\lambda \iota \kappa а \rho \nu a \sigma \sigma$ é $\omega \nu$, from Ephesus тéтареs, тєтара́коута = тé́ббарея, etc., from Teos [ $\theta] a \lambda a ́ r \eta s$ beside $\theta a ́ \lambda a \sigma \sigma a \nu$.
5. In Boeotian, $\vdash$, a compromise between $E$ and $I$, is sometimes used for the close $\epsilon$, later $\iota$ (9.2). At Corinth and Megara there were two characters, $B$ and $E$, for the e-sounds, but usually differentiated. See 28.
6. In most of the alphabets the H (early 日) is the sign of the spiritus asper, and neither $\eta$ and $\omega$ nor the lengthened $\epsilon$ and $o$ ("spurious $\epsilon c$ and $o v^{\prime \prime}$ ) are distinguished from the short $\epsilon$, and o. But in East Ionic, where the sound of the spiritus asper was lost at a very early period, the H , which was thus left free, was turned to account as a vowel sign, not so much to show a difference in quantity (in the case of $\bar{a}, \bar{i}, \bar{v}$ no such need was felt) as one of quality. It was probably used first only for the extremely open $\bar{e}$ coming from $\bar{a}$, that is for the specifically Attic-Ionic $\eta$ (8), which for a time was more open than the sound of the inherited $\bar{e}$, though this was also open as compared with the short $\epsilon$, and both soon became
identical and were denoted in the same way. To be sure, no such distinction is to be observed in East Ionic inscriptions, but it is seen in some of the Cyclades, to which the use of the H had passed from East Ionic, e.g. from Naxos (no. 6) Nıкáv $\delta \rho \eta$, $\rho^{o} \rho \eta$, etc., but ávé $\theta=\bar{\kappa} \kappa \in \nu$ (with $E$ in the penult). Similar examples from Ceos (e.g. no. 8) and Amorgos.

The use of $H=\eta$ extended not only to the Ionic but also to the Doric islands, Rhodes, Thera, Melos, and Crete, where it is found in the earliest inscriptions, though in Crete it went out of use for a time, not appearing for example in the Law-Code. In Central Ionic, where the sound of the spiritus asper still survived, as also in Rhodes, Thera, and Melos, the sign was used both as $\eta$ and as h. It occurs also with the value of he, at Delos, Naxos (no. 6), and Oropus (no. 14.46).

The Ionic alphabet is also characterized by its distinction of 0 . and $\omega$ through differentiated forms of 0 (usually $\Omega=\omega$, but in some of the islands, namely Paros, Thasos, and Siphnos, $\Omega=0$, and 0 or $0=\omega$ ).
7. In 403 b.c. the Ionic alphabet was officially introduced at Athens, and not much later replaced the native or "epichoric" alphabets in other parts of Greece. Inscriptions of the end of the fifth or the beginning of the fourth century often show a transitional form of the alphabet, partly epichoric, partly Ionic. Even with the full Ionic alphabet, $f$ was generally retained where it was still sounded, and sometimes a form of H was used for the spiritus asper, as $\vdash$ in the Heraclean Tables and occasionally elsewhere (Elis, no. 60, Sicyon, Epidaurus). The Delphian Labyadae inscription (no. 51) has $\mathrm{B}=h, \mathrm{H}=\eta$.

For the Cyprian syllabary, see no. 19.

## VOWELS

## a

5. o for $a$ before or after liquids. Examples are most numerous in Lesbian, mainly from literary and grammatical sources, as
$\sigma \tau \rho o ́ \tau o s=\sigma \tau \rho a \tau o ́ s, \delta \rho o \sigma \epsilon ́ \omega s=\delta \rho a \sigma e ́ \omega \varsigma, \chi^{o} \lambda a \iota \sigma \iota=\chi a \lambda \hat{\omega} \sigma \iota$, etc. So $\dot{a} \mu \beta \rho[0] \tau \eta \nu\left(\right.$ no. 21) $=\dot{a} \mu a \rho \tau \epsilon i ̂ \nu$, like Hom. $\tilde{\eta}^{\prime} \mu \beta \rho о \tau о \nu=\tilde{\eta} \mu a \rho$ $\tau o \nu$ ( $\mu \beta \rho$ from $\mu \rho$, as regularly). Both $\sigma \tau \rho o ́ т a \gamma o s ~ a n d ~ \sigma \tau ̇ \rho a ́ \tau a y o s ~$ occur in inscriptions, likewise in Boeotian orporós in numerous proper names, $\sigma \tau \rho о \tau \iota \omega ́ \tau a s$, è $\sigma \tau \rho о \tau \epsilon \cup ́ a \theta \eta$, but also $\sigma \tau \rho a \tau o ́ s$ in proper names, $\sigma \tau \rho a \tau a \gamma$ iov $o s$. The forms with $a$, which are the only ones attested for Thessalian, are to be attributed to кoıv $\eta^{\prime}$.influence.
 proper names, Boeot., Lesb. $\pi \dot{o} \rho \nu 0 \psi=\pi \dot{\alpha} \rho \nu 0 \psi$, whence Lesb. Поруотí $\boldsymbol{\nu}$ (Strabo 13.613), Поруотía (no. 23).

In Arcado-Cyprian also we find Arc. é $\phi \theta_{0} \rho \kappa \omega_{s}=\dot{\epsilon} \phi \theta a \rho \kappa \bar{s}$,
 (Naples) ärvappıs (49.2), $\sigma \tau o \rho \pi a ́ o s=\dot{a} \sigma \tau \rho a \pi a \hat{\imath} o s$ (also Arc. $\sigma \tau o \rho \pi a ́$, Cypr. $\sigma \tau \rho о \pi \alpha^{\prime}$ in Hesych.), Cypr. кор弓'a (Hesych.) = карঠía, катét-
 weak grade of the root as in é $\delta \rho а к о \nu$ from $\delta$ е́рконає (49.2).

In various West Greek dialects occur derivatives of $\gamma \rho \alpha^{\prime} \phi \omega$ with 0 , though the verb itself always has $a$. Thus ypoфєús in Elis, Argolis, Sicyon, in Argolis also $\gamma \rho o \phi \epsilon v ́ \omega, ~ \sigma u ́ \gamma \gamma \rho o \phi o s, ~ e t c ., ~ H e r a c l . ~ a ̀ ~ d \epsilon \pi i ́ \gamma \rho o-~$
 $\kappa a \tau a \lambda о \beta \epsilon u ́ s={ }^{*} \kappa a \tau a \lambda a \beta \epsilon \cup ́ s$, support, Cret. $\dot{a} \beta \lambda о \pi i a=\dot{a} \beta \lambda a \beta i ́ a$.
$a$. Some of the examples, if taken by themselves, might be regarded
 But an actual substitution must be recognized in Lesb. $\sigma \tau \rho o ́ r o s ~ e t c ., ~ a n d, ~$ while the precise conditions and scope of the phenomenon are not clear, it is evidently one in which all the Aeolic dialects and Arcado-Cyprian had a share. Whether roodeús etc. are anything more than inherited o-grade forms may be less certain, but it is probable that these are Achaean survivals (see p. 7), and belong in this same connection.
6. o for $a$ in other cases. $\dot{o} \nu=\dot{a} \nu \dot{a}^{\prime}$ in Lesbian, Thessalian ( $\mathrm{Pe}-$ lasgiotis), and Arcado-Cyprian (ỉv, see 22). Lesb., Arc. סéкотos =

 rites, Heracl. тофь́̀v, burial-place (cf. тáфоऽ). ко日a oós $=\kappa a \theta a \rho o ́ s$ in Heraclea, Sybaris, Locris ( $\Pi \epsilon \rho \rho o \theta a \rho \iota a ̂ \nu)$, Elean кóOapoıs.
a. The explanation is uncertain, and not necessarily the same for all the forms cited here. For example, it is possible that the o of déxotos etc. is to be viewed in the same light as that of сïкобь $=$ West Greek fíкать. See 116 a. But the preference for o appears to be, here as in 5, an AeolicAchaean characteristic.
7. $\epsilon$ for $a$. For forms with $\epsilon$ beside $a$ which fall within the regular system of vowel-gradation, see 49.2-4.

An actual change of final $a$ to $\epsilon$ is seen in Thess. $\delta \iota e ́=\delta \iota a ́$. Cf. Thess. $-\boldsymbol{\epsilon} \iota=-a \iota$ (27).
$\overline{\mathbf{a}}$
8. Attic-Ionic $\eta$ from $\bar{a}$. Original $\bar{a}$, which remains unchanged in all other dialects, becomes $\eta$ in Attic-Ionic. Thus $\tau \iota \mu \eta^{\prime}, \phi \eta \mu i^{\prime}$, $\bar{\imath} \sigma \tau \eta \mu \iota$, but in other dialects $\tau \iota \mu \hat{a}\left(\bar{a}\right.$-stem), $\phi \bar{a} \mu i$ ( Lat. $f \bar{a} \bar{r} \bar{\imath}$ ), ${ }^{i} \sigma \tau \bar{a} \mu \iota$ (Lat. stäre). For the contrast between this $\eta$ and that which represents an inherited $\bar{e}$-sound and is common to the other dialects also, note Att.-Ion. $\mu \eta \dot{\eta} \tau \eta \rho$, elsewhere $\mu a ́ t \eta \rho$ (Lat. māter).

But Attic differs from Ionic, in that it has $\bar{a}$, not $\eta$, after $\epsilon, \iota$, and $\rho$, as $\gamma \epsilon \nu \epsilon \bar{a}$, oiк $i \bar{a}, \chi{ }^{\omega} \rho \bar{a}=$ Ion. $\gamma \epsilon \nu \epsilon \eta$, oiкí $\eta, \chi \omega \dot{\omega} \eta$.
a. The change of $\bar{a}$ in the direction of $\eta$ began in the Attic-Ionic period, and was universal. The $\bar{a}$ in Att. $\chi$ ćp $\bar{a}$ etc. is not the original $\bar{a}$ unchanged, but a special Attic reversion to $\bar{a}$, which occurred, however, before the new sound had become completely identical with that representing original $\bar{e}$, and hence did not affect the latter (so Att. $\pi \rho \hat{\rho} \boldsymbol{a} \tau \tau \omega$, but $\dot{\rho} \eta \boldsymbol{\eta} \tau \omega \rho$ ). That is, the $\eta$ from $\overline{\boldsymbol{a}}$ was at first an extremely open $\bar{e}$-sound, even more open than that of original $\bar{e}$, and even in the historical period the two sounds are distinguished in the spelling of some inscriptions of the Cyclades. See 4.6.
$b$. The $\bar{a}$ arising from lengthening of $\boldsymbol{a}$ in connection with original intervocalic $\nu \sigma, \sigma \nu$, etc., undergoes the same change, e.g. Att.-Ion. ${ }^{\boldsymbol{\epsilon} \phi} \phi \nu \mathrm{a}$ from
 тávga, original *тávтцূa, the $\bar{a}$ was of later origin and was unaffected. See 77.3, 78.
9. $\iota$ from $\boldsymbol{\epsilon}$ before a vowel.

1. Even in Attic an $\epsilon$ before another vowel had a closer sound than in other positions, and was frequently written $\epsilon \ell$, as $\theta \epsilon \iota o{ }^{\prime} s=$
 (Oropus) $=\delta \epsilon o ́ \mu \epsilon \nu o s$.

In several dialects the $\boldsymbol{\epsilon}$ progressed so far in the direction of $\iota$ that it was frequently, or even regularly, written $t$. Thus:
2. Boeotian. The spelling is usually $\iota$, but sometimes $\epsilon, \epsilon \ell$, or $\vdash$


a. Boeotian $\epsilon$ in general had a relatively close sound, and the spelling at occurs occasionally even before a consonant, as Eevapeíru = Eevapérov, ©ıó-
 etc. the spelling $e$ is so constant that it perhaps stands for original $\eta$ (16), which in other dialects was shortened as if the name of the town were connected with $\theta$ '́v $\boldsymbol{\sigma}$ ts etc.
3. Cyprian. At Idalium the spelling is regularly $\iota$, as $\theta \iota o$,,

4. Cretan. We find $\iota$ regularly, except where the $\epsilon$ was once followed by $f$. That is, the change was prior to the loss of intervocalic $f$; and the $\epsilon$ which later, with the loss of $f$, came to stand before another vowel, was unaffected. Thus ióvtos =éóvtos, $\kappa a \lambda(\omega \nu$ $=\kappa a \lambda e ́ \omega \nu, \pi \lambda i ́ \epsilon \varsigma=$ Hom. $\pi \lambda$ ées, - but viéos, foぃкéos, $\delta \rho о \mu$ éō $\nu$.
5. Laconian. We find $\iota$, with the same restriction as in Cretan, in early inscriptions (also in Alcman and Ar. Lysist.), e.g. $\theta$ to's, $\dot{a} \nu \iota o \chi e ́ o ̄ \nu=\dot{\eta} \nu \iota o \chi e ́ \omega \nu$. In later inscriptions the spelling is usually $\epsilon$.
6. Heraclean. Verbal forms show $\iota$, with the same restriction
 other words, Tıоккрátıos, but usually $\epsilon$, as fétєоs, owing to коьцท́ influence.
7. In Argolic and Thessalian, both of which usually show $\epsilon$, there are some examples of $\iota$, as Arg. $\theta \iota o ̛ ́, \pi \epsilon \delta \iota o ̂ \nu=\mu \epsilon \tau \epsilon \omega \nu \nu$, Thess. $\theta \iota o ̛ ́ s, \Lambda i ́ \omega \nu$.
10. $\iota$ from $\boldsymbol{\epsilon}$ before $\boldsymbol{\nu}$ in Arcado-Cyprian. $\boldsymbol{\nu} \boldsymbol{\nu}=\boldsymbol{\epsilon} \boldsymbol{\nu}$ is the regular form in Arcadian and Cyprian, also in compounds as Arc. iváro,
 $i \nu \mu \epsilon \nu \phi \eta^{\prime} s$ and $\grave{\imath} \nu \mu о \nu \phi o s, b l a m e w o r t h y$ (opp. to $\left.\dot{a} \mu \epsilon \mu \phi \eta^{\prime} s, a \not a \rho \mu \phi o s\right)$, Cypr. iva入iv $\omega$ (iva $a \lambda \lambda \sigma \mu e ́ \nu a)$. Cf. also early Arc. (Mantinea, no. 16) $\dot{a} \pi \epsilon \chi \chi^{\prime} \mu(\nu o s, \dot{a} \pi v \delta \in \delta o \mu i \nu[o \varsigma]=-\mu e ́ v o v s$. But $\epsilon \nu$ occurs in other
words, and the more precise conditions of the change are not yet clear. $i \nu=\dot{\epsilon} \nu$ is found also, possibly an "Achaean" survival (see p. 7), in some Cretan inscriptions of Eleutherna and Vaxus, and in an Achaean inscription.
11. $\iota$ beside $\epsilon$ in other cases. The occasional interchange of $\iota$ and $\epsilon$ in related words, as $\pi i \tau \nu \eta \mu \iota$ beside $\pi \epsilon \tau a \dot{\nu} \nu \nu v \mu \iota$ (a kind of vowel-gradation, but not of the common types given in 49), is occasionally seen among dialectic forms of the same word. Hom. $\pi$ lov-
 $\chi \in i \lambda c o l$, Lesb. $\chi e ́ \lambda \lambda \iota o l$, etc. are from ${ }^{*} \chi e ́ \sigma \lambda \iota o \iota(76)$. Att. $\dot{\epsilon} \sigma \tau l a$ appears with $\iota$ in all other dialects, so far as quotable, e.g. Ion. $i \sigma \tau i \eta$, Lesb. iotia, Thess. ${ }^{`} \mathrm{I} \sigma \sigma \tau i a i \epsilon \iota o s$, Boeot. ${ }^{`} \mathrm{I} \sigma \tau \iota \eta \omega$, Delph.
 pıov, Coan iotia, Cret. 'I $\sigma \tau i a$, Arc. Fiotiav. In this case the $\iota$, as well as the early substitution of ' for $f$ in most dialects, may be due to the influence of $\bar{\sigma} \sigma \tau \eta \mu$.
12. $a$ from $\epsilon$ before $\rho$ in Northwest Greek. Locr. $\phi$ á $\rho \epsilon \iota \nu, \pi a \tau a ́ \rho a$, à $\mu a ́ \rho a, ~ a ̀ \nu \phi o ́ t a \rho o s, ~ f \in \sigma \pi a ́ p \iota o s ~(b u t ~ \mu e ́ \rho o s) . ~ H e r e ~ a l s o ~ h a \rho e ́ \sigma \tau a \iota ~$ (no. 55 ; but he入é $\sigma \tau a \iota$ no. 56) $=\dot{\text { é }}$ é $\sigma \theta a l$, with $\rho$ for $\lambda$ after the analogy of the present aipé $\omega$ (as, vice versa, Cret. aìé $\omega=a i \rho e ́ \omega$, with $\lambda$ from the aorist). El. фápḕ, fápyov, $\pi a ́ \rho(=\pi \epsilon \rho()$, ò $\quad=o ́ \tau a \rho o s$, ${ }_{v} \sigma \tau a \rho \iota \nu$, but the spelling $a \rho$ is not quite uniform even in the early inscriptions, and later gives way to ep (see 241). Delph. фápev in a fifth-century inscription (no.50), and $\delta \alpha^{\prime} \rho \mu a \tau a, \pi \epsilon \nu \tau a \mu a \rho \_-$ $\boldsymbol{\tau} \tilde{v}^{\prime} \omega \nu$ (no. 51), show that in Phocian too $\rho$ had a similar effect on the pronunciation of a preceding $\epsilon$, but except in these instances the spelling is $\epsilon \rho$ ( $\phi e^{\rho} \rho \epsilon \nu$ even in no. 51). Cf. also Ach. Zev̀s 'A $\mu a^{\prime}-$ $\rho \iota o s$, and Pamph. v̀ $\pi a \rho=\dot{v} \pi \epsilon \rho$.
a. Elean has a also after $\rho$, as $\lambda a r \rho a u\left[{ }^{\circ} \mu e v o v\right]$ beside $\lambda a \tau \rho e o^{\prime} \mu c v o v, \mu a-$

 3 pl. opt. ámotivouav, è $\pi \in \theta$ êav, $\sigma o v$ ćav, etc.; occasionally elsewhere, as ciod-
 open sound. Cf. El. $\bar{a}=\boldsymbol{\eta}$ (15).
 and open to other possible explanations ( $\mu$ ávтo contamination with $\mu^{\prime} \nu=$ $\mu \eta^{\prime} \nu, ~ \kappa \rho a \mu \dot{\sigma} \sigma a l$ weak grade or assimilation), are perhaps to be viewed in the same light as the Elean forms under $a$.
13. West Greek $a=$ East Greek $\epsilon$. Besides the examples of dialectic interchange of $a$ and $\epsilon$ cited under the head of vowelgradation (49.2-4), in which the distribution of the $a$ and $\epsilon$ forms is various (e.g. ă $\rho \sigma \eta \nu$, ěp $\rho \sigma \eta \nu,-\beta a ́ \lambda \lambda \omega, \delta e ́ \lambda \lambda \omega)$, there is a group of by-forms in which the preference for the $a$ forms is a marked West Greek characteristic.

1. iapós (or iapós) is the regular form in early inscriptions of all West Greek dialects and Boeotian, iepós occurring only later and plainly due to кoוv $\boldsymbol{\eta}$ influence. The situation is probably the same in Thessalian, though the occurrences of both forms are late. iepós (or iepós) is Attic-Ionic and Arcado-Cyprian, while a third form is seen in Lesb. Ipos (likewise ìpevs, ǐ $\rho \in \iota a$, i $\rho \eta \tau \epsilon$ v́ $\omega$, late катєL
 *iбpo- beside *iбapo-, *iбєpo-). There are many other words with variation between -єpós and -após, as $\mu \iota \epsilon \frac{1}{s}, \mu \iota a \rho o ́ s$, but with widely different dialectic distribution.
2. *Apraرוs, so far as the name is quotable from early inscriptions, is the form of all West Greek dialects except Cretan, and of Boeotian. In later Doric and Delphian inscriptions this is usually replaced by ${ }^{*}$ Артє $\mu \iota s$.
3. $\kappa a=\kappa \epsilon(\underset{\sim}{\nu} \nu)$ is the form of all West Greek dialects and Boeotian, while Thessalian has $\kappa \epsilon$, like Lesbian and Cyprian. See 134.2. The same ка in ӧка, то́ка, то́ка, which are also West Greek (and doubtless Boeotian) = Att.-Ion., Arc.-Cypr. őt etc. (but Lesb. ס̌т etc. See 132.9). $\boldsymbol{\gamma} \boldsymbol{a}^{\prime}=\gamma \epsilon$ is likewise West Greek and Boeotian. Adverbs in $-\boldsymbol{\theta} a=-\boldsymbol{\theta} \epsilon,-\boldsymbol{\theta} \boldsymbol{\nu}$, belong to some, but not all, West Greek dialects. See 133.1.
a. $\dot{\alpha}$ тepos $=$ ë́tepos is not confined to West Greek dialects, but is also quotable from Arcadian, Boeotian, and Lesbian, and even for Attic is
 Ionic only, all examples in other dialects being late.

## $\eta$

14. Original $\eta$, that is $\eta$ representing original $\bar{e}$, remains unchanged in nearly all dialects. Contrast the special Attic-Ionic $\eta$ from $\bar{a}(8)$, both being seen in Attic-Ionic $\mu \boldsymbol{\eta} \tau \eta \rho=\mu \hat{a} \tau \eta \rho$ of other dialects. On the introduction of the character H , see 4.6.
15. $\bar{a}$ from $\eta$ in Elean. The sound of $\eta$ was so open in Elean that it approximated that of $\bar{a}$, and was frequently, though by no mean's consistently, denoted by $a$. Thus $\mu \dot{a}^{\prime}$ (but also $\left.\mu \hat{\varepsilon}, \mu \eta^{\prime}\right)=$
 $\sigma \iota o i ́ a=-o \iota \eta, \pi \lambda a \theta$ v́ovta beside $\pi \lambda \bar{\epsilon} \theta$ v́ovtı. Cf. $a$ for $\epsilon(12 a)$.
16. $\boldsymbol{\epsilon}$ from $\eta$ in Thessalian and Boeotian. In these dialects the sound was so close that with the introduction of the Ionic alphabet it was uniformly denoted not by $\eta$ but by $\epsilon \epsilon$, which at that time represented a close $\bar{e}$. Thess., Boeot. $\mu \epsilon i=\mu \dot{\eta}^{\prime}$, à $\boldsymbol{\nu}^{\prime} \theta \epsilon \tau \kappa \epsilon=$
 $-\eta ̂ o s$, Thess., Boeot. $\sigma \tau a \tau \epsilon i ̂ \rho a s$, Boeot. $\mu a ́ \tau \epsilon \iota \rho, \pi a \tau \epsilon l \rho=-\tau \eta \rho-$
a. In late Boeotian inscriptions the spelling $\iota$ is sometimes found, as $\pi \alpha \rho \hat{\imath}$

17. Lesb. ai $\mu \iota \sigma \epsilon ́ \omega \nu=\dot{\eta} \mu \iota \sigma \in ́ \omega \nu$, also (Etym. Magn.) ai $\mu i ́ o \nu o s=$ $\dot{\eta} \mu$ lodos, Aiciodos $={ }^{\text {' }} \mathrm{H} \sigma$ lodos. The explanation is difficult, since in all other cases $\eta$ remains unchanged in Lesbian. Perhaps $\eta$ was more open initially than in other positions, and this, in connection with the epenthetic vowel (47), led to at.
$\downarrow$
18. $\epsilon$ from $\iota$ after $\rho$ in the Aeolic dialects. An open pronunciation of $\iota$ after $\rho$ is indicated by occasional spellings such as Lesb.

 from $\dot{a} \pi \epsilon \lambda \epsilon \cup \theta \epsilon \rho i ́ \zeta \omega$. Lesb. тé $\rho \tau o s$ is perhaps from ${ }^{*} \tau \rho \epsilon ́ \tau о \varsigma=\tau \rho i ́-$ $\tau o s$, but cf. also 19.2. A probable Boeotian example is $\tau \rho \in ́ \pi \epsilon \delta \delta a$, $\tau \rho \epsilon \pi \epsilon \delta \delta i ́ \tau a \rho$, beside $\tau \rho a^{\prime} \pi \epsilon \delta \delta a$. Cf. Hesych. т $\boldsymbol{\imath} \pi \epsilon \epsilon \zeta a \nu \cdot \tau \eta ̀ \nu \tau \rho a ́ \pi \epsilon \zeta a \nu$. Bot $\omega \tau$ ol. But vowel-assimilation (46) is also possible.

 indicate an open pronunciation of the $c$. Cf. El. $a=\epsilon$ and $\bar{\alpha}=\eta(12 a, 15)$.
19. Consonantal $\iota(\stackrel{\iota}{l}$ ) from antevocalic $c$ in Lesbian and Thessalian. The consonantal pronunciation of antevocalic $\iota$ might occur anywhere in rapid speech, but was especially characteristic of Aeolic, as indicated by the following related phenomena in Lesbian and Thessalian.
 inscriptions, the usual inscriptional spelling being $\delta \iota \alpha^{e}$ etc. Cf. also Zıovú(б८os) on a coin of Phocaea, Cypr. корケía к карঠía (Hesych.).


20. Thessalian doubling of consonants before $\iota$, which may then be retained or omitted in the spelling, as iठठía $\pi, \pi \delta \lambda \lambda c o s, \pi \rho o \xi \in \nu$ $\nu \iota o v ̂ \nu, \kappa v ̂ \rho \rho o \nu ~ b e s i d e ~ \kappa u ́ \rho \iota o \nu, ~ a ̉ \rho \gamma v ́ \rho \rho o \iota ~ b e s i d e ~ a ́ \rho \gamma v \rho i ́ o \iota, ~ M \nu a \sigma \sigma a ̂=~$ Mvariā. Cf. Att. ßoppâs from $\beta$ opéās.
21. Omission of $\iota$, as Lesb. ápyvpa = á $\rho \gamma \tilde{p}^{\prime} \rho \iota a$, Thess. т $\rho a \kappa a ́ \delta \iota=$ трıакáסı, etc. (see also under 3).
22. Interchange of $\iota$ and $v$. Assimilation of $\iota$ to $v$ of the following syllable is seen in $\ddot{\eta}_{\boldsymbol{\eta}}^{\mu} \boldsymbol{\nu} \sigma v=\tilde{\eta} \mu \iota \sigma v$, which appears in Attic in the early fourth century, in other dialects only late; the opposite assimilation in $\beta \iota \beta \lambda$ íov beside $\beta v \beta \lambda$ íov. Influence of the preceding єv, or of the suffix - $\sigma$ v́vך, in Lac. 'Enevhúvıa = 'Eスєvolvıa (also Olynth. 'Enevov́vios, name of a month). Other by-forms, the relation of which is uncertain, are 'A $\boldsymbol{\prime} \phi \iota \kappa т i ́ o \nu e s ~ a n d ~ ' A \mu ф \iota к т v ́ o v e s, ~$


## โ

21. $\bar{i}$ remains unchanged everywhere. But in late inscriptions it is sometimes denoted by $\epsilon \iota$, which had come to have the sound $\bar{i}$, as $\tau \epsilon \iota \mu \alpha^{\prime}$ or $\tau \epsilon \iota \mu \eta^{\prime}=\tau \bar{i} \mu \eta^{\prime}$.

## 0

22. $v$ from $o$, especially in Arcado-Cyprian. In both Arcadian and Cyprian, final o nearly always appears as $v$. Gen. sg. $-\bar{\alpha} v=-\bar{\alpha} 0$, as Arc. Ka入入lav, Cypr. 'Ovacırópav. Cypr. 3 sg. mid. $-\tau v=-\tau 0$, as révoıtv, $\dot{\epsilon}_{f} \rho \bar{\tau} \tau \dot{\alpha} \sigma a \tau v$ (in Arcadian there are no early examples of the ending, and -то in a late inscription may be due to кoıv $\eta^{\prime}$ influ-
 $a ̆ \lambda \lambda \nu=a ̆ \lambda \lambda o$. But $\dot{a} \pi \dot{v}$ is also Lesbian and Thessalian. Cf. also $\dot{v} \nu$


a. In Lesbian there are several examples of initial $v=0$, especially before $\mu$, as $\mathbf{~ i} \mu o i ́ \omega s, ~ i ̀ \mu o \lambda o \gamma i ́ a . ~$
b. örvua = övoua is common to nearly all, perhaps all, dialects except Attic-Ionic. Cf. the compounds ávóvvuos etc., which are universal.
 tion to the first.
d. In Pamphylian, o in final syllables regularly becomes $v$, written $v$ or ov.
$\infty$
23. $o v$ from $\omega$ in Thessalian. Long $\bar{o}$ in Thessalian, whether original or secondary (25), became a close $\overline{0}$, then $\bar{u}$, and; after the introduction of the Ionic alphabet, was regularly denoted by ov. $\chi$ रúpa $=\chi \dot{\rho} \rho a, \phi \iota \lambda a ́ \nu \theta \rho o v \pi a=\phi \iota \lambda a ́ \nu \theta \rho \omega \pi a, ~ \tau o v ̂ \nu ~ \tau a \gamma o v ̂ \nu ~ \pi a ́ \nu-~$ $\tau o v \nu=\tau \hat{\omega} \nu \tau a \gamma \hat{\omega} \nu \tau \dot{\alpha} \nu \tau \omega \nu$. Cf. $\epsilon \iota$ from $\eta(16)$.

## $\boldsymbol{v}$ and $\bar{v}$

24. Instead of becoming a sound like German $\boldsymbol{u}$, French $u_{2}$ as it did in Attic at an early period, the original $u$-sound (English oo in food) was retained in seversl. rergbaps the majority of, dialects. This is most obvious wher $O$ (e.g. háyEV, ros), f the letters being taken as a basis, the spel ${ }^{\nu}$ etc.), and OV in the acc.

In Boeotian, ov ber last difference, though only a b. frequent after 300 oduction of the Ionic alphabet, and even then the quarter of the centme.
фov, тoú $\chi a$, ö ${ }^{2}{ }^{2} \mu_{1}$
cov (pronounced like English $u$ in cube ?) is also employed, though never consistently, after $\tau, \delta, \theta, \nu$, and $\lambda$, as $\tau \iota o v ́ \chi a, \delta \iota o v ́ o=\delta v ́ o$,
 ( $\Sigma \iota o u ́ \nu \epsilon \sigma \iota s$ ) and once initially ( $\mathfrak{i o v} \iota \hat{\omega}=\boldsymbol{v i o v}$ ). Another, but compara-

a. Except in Boeotian and Pamphylian, where ov is also frequent, the spelling $v$ is retained in inscriptions. So in Laconian, for which the retention of the $u$-sound is amply attested by the numerous glosses spelled with ov in accordance with Attic values, and by the pronunciation of the modern Tsakonian. In various other dialects, as Arcadian, Cyprian, Thessalian, Lesbian, Cretan, Euboean, there are indications, of one kind or another, of the same pronunciation, such as the occasional spelling ov or ofor $v$, or $v$
 day pronunciation.

## Secondary $\bar{\epsilon}$ and $\mathbf{~ 0}$. "Spurious Diphthongs "

25. In many dialects, as in Attic, $\epsilon$ and $o$ differed in quality from $\eta$ and $\omega$, being close vowels (e, e). Consequently the long vowels which came from them by contraction or compensative lengthening, since they retained the same quality, were not identical with $\eta$ and $\omega$, but were $e^{-}$and $\bar{o}$, the latter becoming $\bar{u}$, and eventually came to be designated by $\epsilon \iota$ and $o v$ after these original diphthongs had become monophthongs in pronunciation (28, 34). But in other dialects they were identical with $\eta$ and $\omega$, and were so written. Hence such dialectic variations as $\tau \rho \epsilon i \hat{\rho}$ and $\tau \rho \eta$ 信 from * $\tau \rho e_{\epsilon} \iota \in$ (42.3), $\epsilon i \mu i$ and $\dot{\eta} \mu i$ from ${ }^{*} \dot{\epsilon} \sigma \mu i(76), \phi \theta \epsilon i \rho \omega$ and $\phi \theta \dot{\eta} \rho \omega$


 (106.1), acc. pl. -ov $\cdots \cdots \nu \nu \hat{\nu} \tau \tau e s=$ aic $\%$ ).

The dialects . . and $\omega$ in such forms are Arcadiar $r^{r}{ }^{r} \boldsymbol{\tau}$, and Cretan. Boeo-
21. $\bar{i}$ remains unchanged everywhere. $B i$
it is sometimes denoted by $\epsilon \iota$, which had col though $\epsilon \boldsymbol{c}$ and ov are $\bar{i}$, as $\tau \epsilon \iota \mu \dot{\alpha}$ or $\tau \epsilon \iota \mu \eta \eta^{\prime}=\tau i \mu \eta^{\prime}$.
. etc.; at Hermione
gen. sg. in $-\omega$, acc. pl. in $-\omega_{s}$ ), Rhodian ( $\left.\dot{\eta} \mu i^{\prime}, ~ \kappa \hat{\eta} v o s, ~ B \dot{\omega} \lambda \iota o s, ~ E \eta v i a ́ \delta a, ~ e t c.\right), ~$
 etc.; at Cyrene, a colony of Thera, regularly $\eta, \omega$ ). It is probable that these dialects belong properly with those which have $\eta, \omega$ regularly, and that their usual $\boldsymbol{c}$, ov are due to the fact that with the introduction of the Ionic alphabet they also adopted in the main the Attic-Ionic orthography of such words.
b. $\chi \eta \rho^{-}=\chi^{c l \rho-}$ - (Att. $\chi^{\epsilon i \rho}, \chi_{c \iota \rho o ́ s)}$ is even more widespread, e.g. not only
 éкeхŋрíav, Corinth. éveкé $\chi \eta \rho o v$. But it is probable that this $\chi \eta \rho$ - does not rest wholly upon "Xepo- (79), but is due in part at least to the influence of a nom. sg. $\chi \eta^{\prime \prime} \boldsymbol{p}$ (quoted by Herodian as Aeolic) formed after the analogy of inherited $\rho$-stems in $-\eta \rho$. Cf. Att. $\mu \eta^{\prime} \nu$ in place of $\mu$ és (112.3).
c. סov̂גos, Dor. \&ûdos (Cret., Theocr., Callim.) do not belong here. Sov̂dos has a genuine diphthong, as shown by the spelling ov in early Attic inscriptions and in Boeotian, while $\delta \hat{\omega} \lambda o s$ must come from a by-form * $\delta \omega v$ $\lambda$ os. The relation of Lesb., Boeot., Dor. $\omega \nu$ to Att. our is obscure, since $\boldsymbol{\Omega}_{\nu}$ is also Ionic.
d. It is to be remembered that the early inscriptions of most dialects have simply $E, O$, which we transcribe $\bar{\epsilon}, \bar{o}$, no matter whether the later spelling is $\epsilon$, ov, or $\eta, \omega$. Among the $\eta, \omega$ dialects the actual spelling $\eta, \omega$ does not occur, of course, until the introduction of the Ionic alphabet about 400 в.c., except that in Crete, Rhodes, etc., where $H=\eta$ is much earlier, we find $\dot{\eta} \mu{ }^{\prime}$ etc. in the earliest inscriptions.

Of the $\boldsymbol{c}$, ov dialects, Corinthian is the only one in which the identity of genuine and spurious $c$, , $o v$ belongs to the earliest period, owing to the very early monophthongization of the diphthongs $(28,34)$. The spelling even of the earliest inscriptions is EI, OV at Corcyra (e.g hutov, elpi), and OV (but E, not El) at Corinth. In Attic-Ionic examples of El, OV occur in the fifth century ( $\varepsilon \mu \mu i ́$ even earlier), but $E, O$ are more common until after 400 b.c., and occasionally appear much later. In general El becomes established earlier than OV, and many inscriptions use El uniformly but vary between $O$ and $O V$. In Ionic the gen. sg. $-O$ is especially persistent. In Locrian no. 56 has only $\mathrm{E}, \mathrm{O}$ (e.g. há ${ }^{\prime} \mathrm{v}$, ros), while the somewhat earlier no. 55 has El ( $\phi$ ápelv etc.), and OV in the acc: pl. (rovs) but O in the gen. sg. ( $\delta a ́ \mu 0)$. This last difference, though only a graphic vagary, is observed also in several Ionic inscriptions. In other dialects EI, OV come in with the introduction of the Ionic alphabet, and even then the spelling varies for a time.

## Diphthongs

## al

26. $\eta$ from al in Boeotian. The diphthong is retained in the earliest inscriptions, sometimes as al, sometimes as $a \epsilon$, especially at Tanagra, e.g. Aé $\sigma \chi \chi^{\text {ó }} \nu \delta a \varsigma$, 'Oкíßac. But it came to be pronounced as a monophthong, an open $\bar{e}$, and with the introduction of the Ionic alphabet was regularly denoted by $\eta$, e.g. $\kappa \eta^{\prime}=\kappa a l, \dot{\eta}=a i$, $\Theta \epsilon \iota \beta \hat{\eta} 0 \varsigma=\Theta_{\eta} \beta$ aios, dat. sg. and nom. pl. $-\eta=-a \iota$, dat. pl. $-\eta \varsigma=a \iota s$, infin. $-\sigma \eta,-\sigma \theta \eta=-\sigma a \iota,-\sigma \theta a \iota$. In very late inscriptions even $\epsilon \iota$ is found, as $\Theta \epsilon \iota \beta \in i o s$.
27. $\boldsymbol{\epsilon}$ from at in Thessalian. In general ac remains, but at Larissa we find $\epsilon \iota$ for final al, e.g. '̇ $\psi a ́ \phi \iota \sigma \tau \epsilon \iota=\dot{\epsilon} \psi \eta{ }^{\prime} \phi \iota \sigma \tau a \iota, \beta e ́ \lambda \lambda \epsilon \iota-$ $\tau \epsilon \iota=\beta o v ́ \lambda \eta \tau ் a \iota, \gamma \iota \nu v ́ \epsilon \iota \tau \epsilon \iota=\gamma i ́ \gamma \nu \eta \tau a \iota$, and, with added $\nu(139.2,156)$,
 éфaıpov̂ขтaı, $\beta$ é $\lambda \lambda o v \nu \theta \epsilon \iota \nu=\beta o u ́ \lambda \omega \nu \tau a \iota$.
28. Sooner or later $\epsilon \iota$ became everywhere a monophthong, a close $\overline{\boldsymbol{e}}(\bar{e})$, though the spelling was retained and extended to the $\bar{e}$ of different origin (25). In Corinthian this had taken place at the time of the earliest inscriptions, and, while at Corcyra the spelling was $\mathrm{El}(25 d)$, at Corinth the sound was nearly always denoted by a single sign, though generally differentiated from the open $\epsilon$ or $\eta$,

 Megarian inscription (here $B=\epsilon, E=\eta$ and genuine or spurious $\epsilon \iota$ ).
a. At a late period the $\bar{\epsilon}$ progressed still further to an $\bar{\imath}$, usually with retention of the old spelling $\epsilon$, which then came to be used also for original $\bar{i}$ (21), but sometimes with phonetic spelling c. In some words this late
 the proper spelling, as shown by inscriptions of Attic and other dialects, is

b. But before vowels it remained $\bar{\epsilon}$ for some time after it had become $\bar{i}$ elsewhere, and, to distinguish it from $\epsilon=\bar{\iota}$, was often written $\eta$, e.g. madetrjav, iép $\quad$ a, etc., especially in the Augustan period.
c. For Elean au from $\boldsymbol{\epsilon}$ after $\rho$, see $12 a$.
29. $\iota$ from $\epsilon c$ in Boeotian. The change in pronunciation which took place everywhere at a late period ( $28 a$ ) occurred very early in Boeotian, and here showed itself in the spelling, which in the fifth century varies between $\epsilon \ell, \vdash(4.5)$, and $\iota$, but later is regularly
 16), é $\chi \iota=$ ê $\chi \epsilon \iota, \kappa \iota \mu e ́ v a s=\kappa \in \iota \mu e ́ v a s$.

## OL

30. $v$ from oc in Boeotian. The diphthong oc was retained much longer than al (26) or $\epsilon \iota$ (29), appearing as ol, but also, in some of the earliest inscriptions especially of Tanagra, as of, e.g. Xoєp/ $\lambda o s$, Fheкaסáرоє. But in the third century it became a monophthong, probably similar to the German ö, to denote which, approximately, the $v$, with its Attic value of $\ddot{u}$ as a basis (cf. ov for $v, 24$ ), was employed with increasing frequency from about 250 b.c. on, though not uniformly till the end of the century, e.g. fuкía = oicía, dat. sg. and nom. pl. $-v=-o c$, dat. pl. $-v s=-o c s$. Where $o c$ is followed by a vowel it is usually retained (in contrast to $a l, 26$ ), as Boıctís, though Bu$\omega \tau \hat{\nu} \nu$ occurs once, also ó $\pi v ́ a s=\dot{\eta} \pi o l a$.

In some late inscriptions of Lebadea and Chaeronea the spelling $\boldsymbol{\epsilon}$ is also found, indicating the further progress of the sound to $\bar{i}$ (see 28 a), e.g. aủteîs = aủroîs.

> al, el, ol before vowels
31. In the case of $a l, \epsilon \ell, o l$, also $v \iota$, before vowels the omission of $\iota$, consequent upon its consonantal pronunciation with the following vowel, is to be observed in various dialects, though the spelling is anything but constant, and it is impossible to make any general statement as to the conditions of the loss. Thus, as in Attic 'A $\theta \boldsymbol{\eta}$ $\nu a l a$, later 'A $\theta \eta \nu a ́ a, ~ ' A \theta \eta \nu a ̂, ~ \delta \omega \rho \epsilon a ́ ~ b e s i d e ~ \delta \omega \rho \epsilon \iota a ́, ~ \epsilon v ้ \nu o a ~ b e s i d e ~ \epsilon v ̈-~$ voıa, iós, iús beside viós, viús, so e.g. Ion. à áe入é $\eta$ beside à à $\tau \lambda \epsilon \ell \eta$,





 vatoıás.
a. Owing to the variation in forms like the above, the diphthongal spelling sometimes appears in words where it has no etymological justification,


## av, $\mathbf{\epsilon v}$, ou

32. In $a v, e v, o v$, the $v$ remained an $u$-sound, not becoming $\ddot{u}$ as it did in many dialects when not part of a diphthong. This is shown not only by Ionic ao, $\epsilon 0$ (33), but by occasional varieties of spelling such as Corinth. 'A $\chi \lambda \lambda \lambda \epsilon o u ́ s, ~ C o r c y r . ~ a ̀ ~ a ̀ \tau a ́ v, ~ A t t . ~ a ̀ ~ f u t a ́ \rho, ~ I o n . ~$ $\dot{a} f v \tau \overline{\hat{o}}$, Cret. $\dot{a} \mu \epsilon \subset \dot{v} \sigma a \sigma \theta a \imath$, where $f$ indicates the natural glide before the $u$-sound, and Locr. Nafraкcióov, Cret. $\sigma \pi \sigma o f \delta \delta a^{\nu} \nu$, etc.
33. ao, $\boldsymbol{\epsilon}$ from av, $\boldsymbol{\epsilon v}$ in East Ionic. ao, $\boldsymbol{\epsilon}$ appear in East Ionic inscriptions ( $\epsilon 0$ also in Amphipolis and Thasos) of the fourth century ( $\epsilon$ o once in Chios in fifth century) and later, e.g. aỏтós, taôta,
 tions of this region.
a. For El. av from ev after $\rho$, see $12 a$. Some late Cretan inscriptions


34. ov became, in most dialects, a monophthong (first $\overline{0}$, later $\bar{u}$ ), though the spelling ov was generally retained and eventually extended to the secondary $\overline{\underline{o}}$. In Corinthian this had taken place at the time of the earliest inscriptions. See $25 d$.
a. Occasionally words which contain genuine ov are found with the spelling $o$ in early inscriptions when ofor secondary $\bar{o}$ was usual, e.g. $\begin{gathered} \\ \text { o }\end{gathered}=$
 eral have genuine ov (e.g. Cret. toúrō etc.), this spelling is so frequent in early Attic, e.g. Tồo, tó́rōv (rồтo also in Thasos; cf. also Orop. èvrồ $\theta$ a, i. e. $\dot{\ell} v \tau o \hat{v} \theta a=\dot{e} v r a v ̂ \theta a)$, as to point to some special cause. Possibly, as has been suggested, there existed beside the usual forms with genuine ov (e. g. тои̂тo from *тov-тo), a gen. sg. тócōō (тoúrov), formed by doubling of $\boldsymbol{\tau} \boldsymbol{\partial}$ ( $\boldsymbol{\tau} \hat{0}$ ), which then influenced the other forms.

## $a v, \epsilon v$ before vowels

35. Certain words show a $v$ diphthong in Lesbian (and in Homer) in contrast to other dialects, e.g. $a v z \omega s=$ Dor. etc. $\frac{\bar{a}(f) \omega}{}(\mathrm{cf}$. Hesych.
 *. ausōs-ā$), \nu a \hat{v o s ~=~ D o r . ~ e t c . ~} \nu \bar{a}(f) o^{\prime}($ cf. Lac. $\nu a f o ̂ ̀ \nu)$, Hom. $\nu \eta o ́ s$, Att. $\nu \in \omega ́ s$, probably from ${ }^{*} \nu a \sigma$ fós ( $54 f$ ), $\delta \in v ́ \omega=$ Att. $\delta e ́ \omega$, need, from * $\delta \in \dot{U} \sigma \omega$.
a. In such forms $v$ comes from a combination containing $v$ or $f$, not from simple intervocalic $f$, which in Lesbian, as elsewhere, regularly drops out without affecting the preceding vowel. Forms like evvoc from *efide are poetical only, and due to metrical lengthening or doubling of the $f$ under the ictus. The consonant-doubling in hypocoristic proper names (89.5)
 avtos, Cret. Фavos, Neúauros.
36. In words with regular antevocalic $\boldsymbol{\epsilon v}$ the natural glide between $v$ and the following vowel is often expressed. by $f$, as Boeot. Вакєúfal, Cypr. катєбкєv́faбє, Lac. Eùßáخкฑs ( $\beta=f, 51$ ).

In late inscriptions $v$ is sometimes omitted, especially in derivatives of $\sigma \kappa \epsilon \hat{v} o s$, as Att. $\pi a p \epsilon \sigma \kappa \in a \sigma \mu \in ́ \nu \omega \nu$, Lesb. ̇̀ $\pi \iota \sigma \kappa \epsilon a ́ \sigma a \nu \tau a$,


## Long Diphthongs

37. 38. The original long diphthongs $\bar{a} i, \bar{a} u, \bar{e} i, \bar{e} u, \bar{o} i, \bar{o} u$, except when final, were regularly shortened in prehistoric times to $a i, a u$, $e i, e u, o i, o u$, or, in some cases, lost the second element. Hence such by-forms as $\beta$ ovis from ${ }^{*} \beta \hat{\omega} v s$ (cf. Skt. gāus) but Dor. $\beta \hat{\omega} \mathrm{s}$ (cf. Lat. $b \bar{o} s$, Skt. acc. sing. $g \bar{a} m$; $\beta \hat{\omega} \nu$ also once in Homer), Z $\epsilon$ ús from *Z $\eta{ }^{\prime}$ ús $^{\prime}$ (cf. Skt. dyäus) but acc. Z $\hat{\eta} \nu$ (cf. Lat. diēs), whence, with transfer to consonant declension, Z $\hat{\eta} \nu a, ~ Z \eta \nu o ̛ ́ s, ~ e t c ., ~ C r e t . ~ \Delta \hat{\eta} \nu a, ~ T \hat{\eta} \nu a$ (84).
1. The Greek long diphthongs may be original when final, but otherwise are of secondary origin. Most of the latter arose by loss of an intervening consonant, as $\kappa \lambda \bar{a} i ́ s, \kappa \lambda \eta i ́ s$, from ${ }^{*} \kappa \lambda \bar{\alpha} \neq i ́ s$ (cf. Lat. clävis), and in the earlier period these were not diphthongs but were pronounced in two syllables. So $\kappa \lambda \eta / \varsigma, \chi \rho \eta / \zeta \omega, \pi o \lambda \epsilon \mu \eta \dot{\eta} \circ \rho$,
$\pi a \tau \rho \omega \dot{\iota} \iota s$, etc. regularly in Homer, and often in the later Ionic poets. This pronunciation is also indicated by occasional spellings such as T $\eta^{\prime} \iota \iota \iota, \theta \omega \iota \iota \dot{\eta} \nu, i \in \rho \eta \eta^{\prime} \iota a$, $\chi \rho \eta \iota \iota \zeta \omega$, in Ionic inscriptions. On the other hand the change of $\eta \iota$ to $\epsilon \iota$ (39) or the loss of the $\iota$ (38) presupposes the diphthongal pronunciation; and where we find e.g. $\chi \rho \dot{\eta} \zeta \omega$, $i \in \rho \hat{\eta} o \nu$, and $\chi \rho \eta \iota \zeta \omega$, $i \in \rho \eta \iota o \nu$, side by side, the latter must be understood as $\chi \rho \eta^{\prime} \iota \zeta \omega$, $i \in \rho \hat{\eta} \iota \circ \nu$. But in general it is impossible to determine just when the change from dissyllabic to diphthongal pronunciation took place, and hence it is often uncertain whether we should accent e.g. $\kappa \lambda \eta i^{\prime}\left(\kappa \lambda \eta i_{s}\right)$ or $\kappa \lambda \eta^{\prime} \iota s\left(\kappa \lambda \eta \eta_{s}\right), \chi \rho \eta / \zeta \omega$ or
 texts differ in their practice. We employ the accentuation which goes with the earlier pronunciation, though without the mark of diaeresis, for the early Ionic inscriptions; and likewise in general, -simply as a matter of convention, in citing forms of this kind in the grammar.
2. $\bar{a}, \eta, \omega$, from $\bar{a} \iota, \eta \iota, \omega \iota$. In Attic the $\iota$ ceased to be pronounced in the second century b.c., and the spelling without $\iota$ (the iota subscript is a mediaeval device; in inscriptions $\iota$ is written like other letters or omitted entirely) became more and more frequent, and may be found in late inscriptions from all parts of Greece. But in some dialects this dates from an earlier period.

East Ionic has occasional examples of dat. sg. $-\eta=-\eta \iota$ from the sixth century b.c. on, though $-\eta \iota$ is the usual spelling.

Lesbian has $\tau \overline{\bar{o}}$ Nıcıalṑ in a fifth-century inscription (no. 20), though this is possibly only an error due to confusion with the genitive construction which follows. For no. 21 (first half fourth century) and no. 22 (324 B.c.) have uniformly dat. sg. $-\bar{a} \ell$, $-\omega \iota$ ( 3 sg . subj. $-\eta \iota$ in no. $21,-\eta$ in no. 22 ; see also 149). But from the end of the fourth century the forms in $-\bar{a},-\omega,-\eta$ predominate.

Thessalian has from the fifth century dat. sg. тádpooítaı $\tau \hat{a}$, and $\tau a \gamma \hat{a}$ beside $\dot{a} \tau a \gamma i ́ a \iota$ (in no. 33), and in inscriptions in the Ionic alphabet we find regularly dat. sg. $-\bar{a},-o v(=\omega, 23), 3 \mathrm{sg}$. subj. $-\epsilon \iota(=\eta, 16)$.

Cyprian has dat. sg. $-\bar{a},-\bar{o}$, beside $-\bar{a}$, , $\bar{o} \iota$, but in the Idalium bronze (no.19) only in the case of the article when followed by $\iota$, as $\boldsymbol{\tau} \hat{\bar{o}} i \rho \bar{\rho} \bar{\nu} \nu$.
a. The loss of c probably began in the article, which was proclitic.
b. The fluctuation between the historical and the phonetic spelling in late inscriptions introduced confusion in the spelling of forms with original $\eta, \omega$;
 Such imperative forms in $-\tau \omega t$ and $-\sigma \theta \omega t$, where this spelling was favored by the subj. in $-\eta$, are especially frequent, notably in Cos.
39. $\epsilon \iota$ from $\eta \iota$. The history of $\eta \iota$ differs in some dialects from that of $\bar{a} \iota, \omega \iota$,- especially in Attic, where it became $\boldsymbol{\epsilon}$ (i.e. $\bar{\epsilon}$ ) some two centuries before $\bar{a} \iota, \omega \iota$ became $\bar{a}, \omega$.

In the case of medial $\eta \iota$ of secondary origin (37.2) the spelling $\epsilon t$ is frequent in the fourth century and from about 300 b.c. is almost universal, e.g. $\kappa \lambda \epsilon /$ from $\kappa \lambda \eta l \prime$, $\lambda \epsilon \iota \sigma \tau \eta^{\prime} s$ from $\lambda \eta \iota \sigma \pi \eta^{\prime} s$, $\lambda_{\epsilon \iota \tau o v \rho \gamma e ́ ~}$ from $\lambda \eta \iota \tau o v \rho \gamma \epsilon ́ \omega$.

In inflectional endings $\epsilon c$ is also frequent in the fourth century and predominates in the third and second, e.g. dat. sg. $\beta o u \lambda \epsilon \hat{i}$, 3 sg. subj. $\epsilon^{l} \pi \pi \epsilon$. But here, owing to the analogy of other forms with $\eta$ of the same system, as $\beta o v \lambda \eta \hat{s}, \beta o v \lambda \eta \eta^{\prime} \nu, \epsilon \iota \pi \eta \tau \epsilon, \eta \iota$ was never given up and eventually was fully restored, so that the normal spelling in imperial times was $\eta \iota$ or $\eta$ (38).

The spelling $\epsilon \iota$ beside $\eta \iota$, partly at least due to Attic influence, is also frequent in third- and second-century inscriptions of other dialects, or even earlier as in the Heraclean Tables, where we find 3 sg. subj. $\nu e ́ \mu \epsilon \iota, \phi e ́ \rho \epsilon \iota$, etc. (so usually, but twice - $\eta \iota$, once $-\eta$ ).
a. The change of $\eta \iota$ to $\epsilon$ is also Euboean, where it was accompanied by a change of $\omega \boldsymbol{c}$ to $\boldsymbol{o}$. In Eretrian this was effected about 400 b.c. Somewhat later $\boldsymbol{\epsilon}$ occurs beside $\eta \boldsymbol{\eta}$ at Amphipolis, and oc beside $\omega \iota$ at Olynthus. Dat. sg. $-a$ is found also in an inscription from Naples.

## Non-Diphthongal Combinations of Vowels (Contraction etc.)

40. Owing to the proethnic loss of intervocalic ${ }_{\llcorner }$and $\sigma$, a large number of new vowel-combinations arose, and these were
subsequently augmented by the dialectic loss of intervocalic $f(53)$. An exhaustive treatment of their history in the several dialects would require not merely that each of the numerous combinations should be considered by itself, but that further distinctions should be made according to the character of the consonant which was lost, that of the sound which preceded the combination, the accent, the number of syllables in the word, etc. See 45. Only some of the most important facts can be stated here.

## a or $\overline{\boldsymbol{a}}+$ vowel

41. 42. $a+\epsilon, \bar{\epsilon}$ (spurious $\epsilon \iota$ ), or $\eta$. Attic-Ionic $\bar{a}$, but elsewhere $\eta$, at least in West Greek and Boeotian. Similarly $\bar{a} \iota$ or $\eta \iota$ from $a+\epsilon \iota, \eta \iota$. Examples are forms of verbs in -a , as Att.-Ion. $\nu \kappa \kappa \hat{\tau} \tau \epsilon$, $\nu \iota \kappa a ̂ \nu, ~ e t c .$, which have $\eta$ in West Greek and Boeotian, e.g. Cret.,
 $\tau \iota \mu \hat{\eta} \nu$, Locr. $\sigma \nu \lambda \hat{\epsilon} \nu$, Delph. $\sigma v \lambda \hat{\eta} \nu$, Boeot. $\phi \nu \sigma \hat{\eta} \tau \epsilon$ (Ar.), etc.
a. In Lesbian, Thessalian, and Arcado-Cyprian there are no such forms with $\eta$, but also no certain examples of $\bar{a}$ from $a \varepsilon$, since the contract verbs in these dialects show other types of inflection (see 157, 159). But $\boldsymbol{\eta}$ from $a \varepsilon$ in crasis is Lesbian, Thessalian, and Arcadian, as well as West Greek and Boeotian. See 94.6. So far as we know, $\bar{a}$ from $a \epsilon$ is Attic-Ionic only.
1. $a+o$ or $\omega$. When contracted, the result is $\omega$ in all dialects. So regularly in forms of verbs in -á $\omega$, as Att. $\tau \iota \mu \hat{\omega} \mu \epsilon \nu, \tau \iota \mu \hat{\omega} \nu \tau \iota$, Meg. (Selinus) עıкồ $\mu €$, ขıкồ $\tau \iota$, Locr. $\sigma v \lambda o ̂ ̀ \nu \tau a$, Boeot. $\sigma о \nu \lambda \omega \hat{\omega} \tau \epsilon \varsigma$, Lac. hēßồvtı (subj.), ėvhēßôhhaıs ( $\dot{\eta} \beta \dot{\omega} \sigma a \iota s ~ f r o m ~ \dot{\eta} \beta a \omega ́ \sigma a \iota \varsigma), ~ b u t ~ a l s o, ~$
 Heracl. тéт $\omega \omega \rho \circ \nu$, group of four boundary-stones, from * ${ }^{*} \tau \epsilon \tau \rho-\circ \rho \circ \nu$, $\pi a \mu \omega \hat{\chi o s ~(~} \pi a \mu \omega \chi \epsilon ́ \omega$ ) from **a $\pi a-0 \chi o s$. ao from $a_{f o}$ is uncontracted in Boeotian (as in Homer), but in most dialects yields $\omega$, as $\phi \hat{s}$ from фáos (* ${ }^{*}$ fafos, cf. Hesych. фavoфópos), Boeot. Ka入入l-
 etc. ('A $\gamma \lambda a 0-$ occasionally elsewhere), $\sigma \omega \bar{\omega}, \sigma \omega$-, $\Sigma \omega$-, from $\sigma a^{\prime} f o s$ (cf.
 from ao is otherwise unknown in Boeotian and is here perhaps
due to the influence of a * $\Sigma a \hat{v} o s$ like Cret. $\Phi a \hat{v} o s$ etc., $35 a$ ). Arc. $\Sigma a \kappa \rho \in ́ \tau \eta s$ etc. have $\Sigma a_{a}$ ( not $\Sigma \bar{a}$-), abstracted from $\Sigma a ́ \omega \nu$ etc.
2. $\bar{a}+\epsilon$. Attic-Ionic $\eta$, elsewhere $\bar{a}$. Att.-Ion. $\tilde{\eta} \lambda \iota o s$ (Hom.
 Dor. ằ $\lambda \iota o s$, Lesb. $\tilde{a}_{\lambda \iota o s . ~}^{\text {a }}$
3. $\bar{a}+o$ or $\omega$. Attic-Ionic $\epsilon \omega$ or $\omega$, elsewhere $\bar{a}$ or uncontracted. In Attic-Ionic first $\eta 0, \eta \omega$ (cf. 8), often preserved in Homer, whence $\epsilon \omega$ (with shortening of the first vowel, and, in the case of $\eta 0$, lengthening of the second; cf. 43), which often has the value of one syllable, and which may be further contracted to $\omega$ (in Ionic mostly after vowels, cf. 45.2 ; in Attic not so restricted, but the conditions are complicated and not wholly clear). In the other dialects the uncontracted forms are most general in Boeotian.

Gen. sg. masc. $\bar{a}$-stems, Ion. $-\epsilon \omega,-\omega$ (also - $\boldsymbol{\eta}_{0}$ in no. 6), from $-\bar{a} o$ as in Homer (here Aeolic, beside Ion. $-\epsilon \omega$ ) and Boeotian (rare in Thessalian), Arc.-Cypr. - $\bar{a} v(22)$, Lesb., Thess., West Greek $-\bar{a}$.
 Boeot., West Greek is.
 $\left.\lambda \hat{e}_{F} \bar{o}\right)$ from $\lambda \bar{a}_{F}$ ós (seen in proper names of several dialects), $\nu \bar{\alpha} f o{ }^{\prime} s$, $\dot{a}_{\text {ácós ( }}$ (but see $35,54 f$ ), in most dialects $\lambda \bar{a} o ́ s, ~ \nu \bar{a} o ́ s, ~ a ́ \omega ́ s, ~ b u t ~ \lambda \bar{a}-$,


Gen. pl. $\bar{a}$-stems, Ion. $-\epsilon \in \omega \nu$, $-\hat{\omega} \nu$ (also - $-\bar{\rho} \nu$ in no. 6), Att. $-\hat{\omega} \nu$, from $-\bar{a} \omega \nu{ }^{*}-\bar{a} \sigma \omega \nu$, Skt. $-\bar{a} s \bar{a} m$ ) as in Homer (Aeolic), Boeotian (but always $\tau \hat{a} \nu$, see 45.4), Thessalian ( $\tau \hat{a} \nu$ кoıvấovv etc. at Crannon, but otherwise - $\hat{a} \nu$ ), Lesb. $-\bar{a} \nu$, West Greek $-\hat{a} \nu$.

Att.-Ion. $\theta \in \omega \rho o ́ s ~ f r o m ~ * ~ * e a ̄ f ~ \omega \rho o ́ s, ~ B o e o t . ~ \theta ı a ̄ \omega \rho i ́ a, ~ L e s b . ~ \theta e ́ a ́ \rho o s, ~$ West Greek $\theta_{\epsilon} \bar{a} \rho o ́ s$.

 $\kappa v \kappa a ́ v=\kappa v \kappa \epsilon \omega ́ \nu$.


 סầos, Lac. Mohoıסá̀ ( (-âvı).
a. In Ionic, beside usual $\epsilon \omega$, there are some examples of $\epsilon$ or $\boldsymbol{\epsilon v}$ (cf. 33), as $\theta$ cooós, $\theta$ evpós (Paros, Thasos), gen. sg. evv (Erythrae etc.).
b. In Ionic some of the older forms with unshortened $\eta$, as in Homer, are employed also by later writers, as $\boldsymbol{\eta}$ pós, $\lambda$ pós. So $\eta$ jús in Herodotus and in an inscription of Oropus (no. 14).
c. In Thessalian there are some examples of $\overline{\boldsymbol{o}}$, ov (from $\omega$, 23), where
 ovros (cf. vì $\left.\eta \omega \rho o o_{s}, ~ v i \lambda \omega \rho o ́ s\right)$. But the first three are probably кov' forms with dialectic coloring (for süch hybrids, see 280), Horé'סovvc is a hypo-


## $\epsilon+$ vowel

42. 43. $\epsilon+a$. In general Attic $\eta_{\boldsymbol{z}}$ elsewhere uncontracted $\epsilon a$ or ca (9), as acc. pl. Att. ëт $\eta$, elsewhere ( $f$ )étea, ( $f$ )étıa. But occasionally $\eta$ in other dialects, as Ion $\theta \boldsymbol{v} \eta$ (no. 8; fifth century) beside usual eै́ $\tau \epsilon a$ etc. (cf. 45.2), Rhod. acc. sg. $\lambda \epsilon \epsilon \frac{0}{} \lambda \eta$ (no. 93 ; sixth century), Lac. acc. sg. Өıoк $\lambda \hat{e}$ (sixth century), besides later exam-
 some of which may be due to кolv $\eta$ influence.

Even $\epsilon a$ from $\epsilon f a$, which is uncontracted in Attic, sometimes becomes $\eta$ in West Greek dialects, as Delph. èv $\nu \hat{\eta}=\dot{e} \nu \nu e ́ a$, Ther.
 $a \nu a \xi$, Dor. $\kappa \rho \eta \hat{s}$ (Theocr. etc.) $=\kappa \rho \dot{a} a \varsigma, \dot{\eta} \rho$ (Alcman etc.) $=$ ěa $\rho$, Sicil. (Acrae) $\phi \rho \eta^{\prime} \tau \iota o \nu=\phi \rho \epsilon a ́ \tau \iota o \nu$ (cf. $\phi \rho \eta \tau \iota$ Callim.). Cf. also Dor. $\beta a \sigma 亢 \lambda \hat{\eta}(43,111.3)$.
2. $\epsilon+\bar{a}$. Proper names in $\epsilon \bar{a} s$, as Tıнéas, $\Delta \eta \mu e ́ a s, ~ u s u a l l y ~$ remain uncontracted in Attic ( $\mathrm{E} \rho \mu \hat{\eta}$ ) is the Ionic form) and most dialects, though in late times partly replaced by -âs, as $\Delta \eta \mu \hat{a} \varsigma$, $\Delta a \mu a ̂ s$. But - $\hat{s} s$ regularly in Ionic (from -é $\eta \mathrm{s}$ ), as $\Delta \eta \mu \hat{\eta} s$, ' $\mathbf{A} \pi \epsilon \lambda$ -
 $\Theta a(\rho) \rho \eta \hat{s}$ (archaic). Cf. Rhod. Xàк $\bar{\eta}$ from Xa入кéá. All the certain examples of Dor. $\eta$ from $\epsilon \bar{a}$ are from the islands (Syrac. Tvк $\hat{\eta}$ is doubtful), and hence are possibly due to - very early - Ionic influence; but not necessarily so, cf. Dor. $\eta$ from $\epsilon a$, above.
3. $\epsilon+\epsilon$. Regularly contracted to $\bar{e}(\epsilon \iota)$ or $\eta$ (see 25), as Att. $\tau \rho \epsilon i ̂ s$, Ther. $\tau \rho \eta ̂ s$, from * $\tau \rho e_{\Omega} \epsilon s$ (Skt. trayas). But uncontracted forms also occur, as Cret. трées, סро $\quad$ é́s, тìíes (9.4), Boeot. fıкатıfétıes. See 45.5.
4. $\epsilon+\epsilon \ell, \eta l$, or $\eta$. Regularly contracted to $\epsilon l, \eta l, \eta$, as $\phi \iota \lambda \epsilon$,
 Delph. ádiкén, Boeot. ľєı, סокі́єı (9,16), are rare. See 45.5. But forms like $\delta$ é $\ell$, $\delta$ סé $\eta \tau a \iota$ (from $\epsilon f \eta$, see 45.1) are usually uncontracted. Names in -к入éns occur in some dialects, though most have only $-\kappa \lambda \eta$ ¢. See $108.1 a$.




In Ionic $\epsilon 0$ often has the value of one syllable in poetry, and this diphthongal pronunciation came to be represented by $\epsilon v$ (cf. $\epsilon 0=$ original $\epsilon v, 33$ ). This spelling, though found in our texts of earlier authors (sometimes even in Homer, as $\mu \in v, \phi \iota \lambda \epsilon \hat{\nu} \tau \pi \varsigma)$, does not appear in inscriptions until the fourth century b.c. From Ionic, $\boldsymbol{e v}$ spread to the Doric islands, and from the third century on is frequent in Rhodes, Cos, Thera, etc. At this time it is also found in continental Greece, as at Megara, Delphi, etc.
a. Boeotian has some examples of $\tau v, c v$, beside $\omega 0$ (both original and from 'eo), but mostly after dentals, where it was supported by the prevalence
 but once also Boúry.
 $\mu$ ниal (but סeópera from efo).
c. Contraction to $\omega$ is found in certain parts of Crete (see 273) before a
 res in an inscription of Phaselis.
d. For co we sometimes find simply $\epsilon$ or $\boldsymbol{o}$. So in Megarian proper names compounded of $\theta$ cós, in which, nearly always, ©e- appears before a single consonant, ©o- before two, e.g. @édupos, ®éyelios, @étumos, but @oкрíms, ©oкגé'Oas, ©órveitos. Such forms in ©ec, ©o- occur elsewhere, but are common only in Megarian. Other examples of ofrom $\epsilon$ (so-called hyphaeresis, cf. 44.4) are Ion. © $\rho \tau \dot{\eta}$, vooroós, from éeptи́, veoorós, Cret. (Hierapytna

 ＊$\pi$ 入 $\epsilon^{\prime}{ }^{\circ}$（113．2）．

6．$\epsilon+\omega$ or o८．In Attic regularly contracted，as $\phi \iota \lambda \hat{\omega} \nu \tau \iota, \phi \iota \lambda o i ̂$ （but $\dot{\eta} \delta \in ́ \omega \nu$ etc．，see 45．1）．In other dialects regularly uncontracted $\epsilon \omega, \epsilon \circ \iota$ ，or $\iota \omega$ ，$\iota \iota(9)$ ，but sometimes $\omega$ ，o七 after a vowel（see 54．2）． Ion．єíסé $\omega \sigma \iota \nu$ but $\pi o \iota \omega ิ \sigma \iota \nu$ ，ả $\nu \omega \theta \epsilon o i ́ \eta ~ b u t ~ \pi o \iota o i ̂, ~ L e s b . ~ a ̉ \nu a \tau \epsilon \theta e ́ \omega \sigma \iota, ~$

 $\dot{a} \delta \iota \kappa \iota \omega \nu, \dot{\epsilon} \gamma f \eta \lambda \eta \theta i \omega \nu \tau \iota$ ，but $\pi \circ \iota \omega \hat{\nu}, \pi \circ \iota \omega \hat{\nu} \tau \iota$ ，Cret．é $\nu \theta i \omega \mu \epsilon \nu, \pi o ̄ \nu i ́ o \iota$ （ф由עéo兀）．

$$
\eta+\text { vowel }
$$

43．In the declension of nouns in－evs the $\eta$ of the stem is re－ tained，as in Homer，in Lesbian，Thessalian，Boeotian，Elean，and Cyprian（a few examples also in early Rhodian and Coan），but is shortened in the majority of dialects（ $\beta a \sigma \iota \lambda$ éos etc．），and in Attic this is accompanied by lengthening of the second vowel，if or＇a （ $\beta a \sigma \iota \lambda e ́ \omega s, \beta a \sigma \iota \lambda e ́ a ̄)$ ．See 111．This＂quantitative metathesis＂ seen in Attic is in many other words Ionic also（as usually from
 \％$\lambda \eta$ оs（49．5），$\chi \rho \in ́ \omega \mu a \iota ~(161.2 ~ a), ~ \pi o ́ \lambda \epsilon \omega s ~(109.2), ~ M i l . ~ i e ́ p e \omega s ~(111.5), ~$ also тє́ $\lambda \epsilon \omega s$（Herodas，and，borrowed from Ionic，in Coan）$=$ Cret． $\tau \epsilon \lambda \eta o s$, though the usual Ionic form is $\tau \epsilon \in \lambda \epsilon \iota o s, \tau \epsilon \in \lambda \epsilon o s$.

Cf．also the subjunctives with $\eta$ retained in Hom．$\theta_{\eta} \boldsymbol{\eta}^{\prime} \mu \in \nu$（ $\theta \in l o-$ $\mu \epsilon \nu)$ ，Boeot．covpov $\theta \epsilon i \epsilon \ell$ ，etc．，but shortened in most dialects，as Ion． $\theta e ́ \omega \mu \epsilon \nu$（Att．$\theta \hat{\omega} \mu \epsilon \nu)$ ，Cret．è $\nu \theta i ́ \omega \mu \epsilon \nu$ ，etc．See 151．2．

Contraction of $\eta a$ to $\eta$（but probably through $\epsilon a$, cf．42．1）is seen
 （Hdt．），and in $\beta a \sigma \iota \lambda \hat{\eta}$ etc．of Delphian and most Doric dialects （111．3）．

$$
0 \text { + vowel }
$$

44． $10+a$ ．When contracted，the result is $\omega$ in all dialects （cf．$\omega$ from $a+o, 41.2$ ），e．g．Att．$\eta \dot{\delta} i \omega$ ，Heracl．$\mu \epsilon i \omega$ from $-o(\sigma) a$ ， T $\iota \mu \hat{\omega} a \xi,{ }^{\circ} \mathrm{I} \pi \pi \hat{\omega} \nu a \xi$ ，etc．in West as well as East Greek dialects，
from $-0-(f) a \nu a \xi$ (for Rhod. T $\iota \mu a ̂ \nu a \xi$, see 167). Cf. also $\omega$ in crasis,

2. $o+\bar{a}$. Usually uncontracted (Att. o $\eta$ ), but in Ionic regularly $\omega$, in other dialects sometimes $\bar{a}$, e.g. Rhod. $\beta o a ̈ \theta \dot{\epsilon} \omega$, Cret. $\beta o \bar{a} \theta i ́ \omega$, Aetol $\beta$ oä $\theta o$ ó $\omega$, Att. $\beta o \eta \theta e ́ \omega$, but Ion. $\beta \omega \theta$ éé, Lesb. $\beta a ̈ \theta o e ́ \omega, ~ A t t . ~$
 matter whether $\eta$ is from $\bar{a}$ or original $\eta$, cf. also $\boldsymbol{o} \gamma \delta \hat{\omega} \iota ~($ once $)=$
 Hdt. $\beta \hat{\omega} \sigma a l, \nu \omega ิ \sigma a l, a \dot{a} \lambda \lambda o \gamma \nu \omega ́ \sigma a s$.
a. In the termination of $\beta$ oä Oós, $\beta$ on $\theta_{\text {ós }}^{\text {b }}$ beside $\beta$ oä月óos, $\beta$ om $\theta$ óos, whence also $\beta$ oä日é $\omega$, $\beta$ on $\theta$ é $\omega$ beside Lesb. $\beta$ ä̈ó́ $\omega$, Aetol. $\beta$ oä $\theta$ ó́ $\omega$, hyphaeresis has taken place. See 4.
3. $o+o$. Regularly contracted to $\bar{o}(o v)$ or $\omega$ (see 25), as gen. sg. -ov or $-\omega$ from -olo (106.1).
4. $o+\epsilon$. When contracted, the result is the same as from $o+o$


 So Heracl. $\pi \rho \omega ́ \gamma \gamma v o s$ from * $\pi \rho o$ '́ryvos. Cf. also the crasis in Att. тои̂тоя, Lesb. $\boldsymbol{\omega}^{\prime}$ íavtos, etc. (94.2). But we also find uncontracted $^{\text {a }}$ $o \epsilon$, mainly from of $\epsilon$, and, before two consonants, sometimes o ("hyphaeresis," cf. 42.5 d), e.g. Lesb. ’̉ $\mu о \nu o ́ \in \nu \tau \epsilon \varsigma, \lambda o \epsilon \sigma \sigma a ́ \mu \in \nu o s$,


 $\delta \eta \mu \iota o v \rho \gamma o ́ s$, Ep. $\delta \eta \mu \iota \sigma \epsilon \rho \gamma o s$, and $\delta a \mu \iota \epsilon \rho \gamma o{ }^{\prime} s$ (with elision, after the analogy of compounds with original initial vowel in second member, cf. $\phi\left(\lambda \epsilon \rho \gamma o{ }^{\prime}\right.$ ) at Nisyrus and Astypalaea, the form of most dialects is $\delta \eta \mu \iota o \rho \gamma o ́ s(I n n),. \delta a \mu \iota o \rho \gamma o ́ s($ attested for Arc., Argol., Boeot., Cnid., Cret., Delph., El., Locr., Meg., Mess.). So Ion. ádopyós in Teos and Samos.
45. Notes to 41-44. Some of the factors which help to account for divergence in the treatment of the same combination of vowels in the same dialect may be understood from the following.

1. A combination which arises by the loss of $f$, being of later origin than that arising from the loss of $\underset{\substack{~}}{ }$ or $\sigma$, may remain uncontracted, or be con-


2. A combination which is otherwise uncontracted may be contracted



3. A combination which is otherwise contracted may remain uncontracted in dissyllabic words, Att. $\pi$ t́os, $\theta$ cós, 乌'́ $\omega$, and likewise, though be-
 contracted when forming the first member of compounds, as Att. ©oítıos,
 these forms, as regards their origin, belong under 4.
4. The position of the accent on a following syllable is sometimes a
 cases of "hyphaeresis" ( $42.5 d, 44.4$ ) originated in like conditions, though other factors also must be involved in part, and the whole phenomenon is still not wholly clear.

The article, as proclitic, is often the first form to show contraction. Cf. Boeot. tâv $\mu \omega \sigma a ̂ \omega \nu$, Thess. tầ кouváovv (Crannon; elsewhere -âv in nouns also), Eub. $\tau \hat{\omega} \nu \delta \rho a \chi \mu \epsilon ́ \omega \nu$. Here belongs probably Dor. âs in contrast to $\boldsymbol{\nu} \overline{\mathrm{a} o s}$.
5. The analogical influence of grammatically related forms in which the vowel, either of stem or ending, is not subject to contraction often counteracts the normal phonetic development. So Cret. $\tau \rho \epsilon \in \epsilon$ etc. with -es after
 etc. after $\delta_{o \kappa ́} о \mu e \nu$ etc.

## Assimilation of Vowels

46. The assimilation of vowels is comparatively rare in Greek, and not characteristic of any particular dialect. Here may be mentioned ' $\mathrm{O} \rho \chi{ }^{\circ} \mu \epsilon \nu$ ós from 'E $\rho \chi{ }^{\circ} \mu \epsilon \nu$ ós, the regular native form of the name of both the Boeotian and the Arcadian town, Tooфம́vos' from T $\rho \in \phi \omega \boldsymbol{\nu} \iota o s$, name of the Boeotian local hero, Thess. Fecé $\delta a \mu o s=$
 ples of $\iota$ and $v$, see 20. For Boeot. трét $\boldsymbol{1} \delta \delta a$, see 18. For חoбo七$\delta a^{\prime} \nu$, 'A $\boldsymbol{\pi} \boldsymbol{o} \lambda \lambda \omega \nu, \dot{o} \beta o \lambda o ́ s$, in which assimilation is a possible but not necessary assumption, see 49.1,3,

## Epenthetic Vowels

47. Lesb. $\phi a \hat{\imath} \mu \iota$ (from $\phi \hat{a} \mu \iota$ ), $\phi a \hat{\imath} \sigma \iota, \gamma \in \dot{\lambda} \lambda \iota \mu \iota$, etc. in Sappho and grammarians, but not found in inscriptions. Cf. Lesb. ai $\mu \iota \sigma e ́ \omega \nu$ etc. (17). For epenthesis in the case of original $\nu_{\Omega}, \rho_{\Lambda}, \lambda_{\iota}$, see $74 . a, b$.

## Anaptyctic Vowels

 examples are of only exceptional occurrence, as Att. ${ }^{\text {'E }} \mathbf{~} \rho \in \mu \hat{\eta} s=$
 $=\pi \lambda e^{\theta} \rho \rho \nu$, in Cretan, Delphian, etc., as in Homer, is perhaps an inherited by-form.

## Vowel-Gradation

49. In the system of inherited vowel-gradation the dialects generally agree in the grade shown by corresponding forms ; e.g. $\lambda \epsilon \ell \pi \omega$, $\lambda e \lambda o \iota \pi a$, ${ }^{\prime} \lambda \iota \pi o \nu$, in all dialects alike. But there are some examples of dialectic differences, of which the following may be mentioned. ${ }^{1}$
 $\delta \ell \kappa \nu v \tau \iota)=$ Att. $\delta \in i \kappa \nu v \mu \iota$ (cf. $\delta / \kappa \eta$ etc.). Ion. $\delta$ éк $\nu v \mu \iota$ is perhaps due

 $\delta \hat{\omega} \nu, \Pi о \tau \epsilon \iota \delta a ́ \nu$, etc. (41.4) with $\epsilon \iota$ (Пoть $\delta a^{\prime} \nu$ very rare), but usually
 סáı义os, Carpath. Потiסaıov (but the famous Potidaea was Потєlסaıa), also oc (assimilation ?) in Arc. Moooiסáv, Lac. Mohoiסáv, Пohoi $\delta a \iota a$, and Lesb. (?) П]oтoi $\delta a \nu \iota$ from Pergamum.
 тétopes, тétтapes, etc. (114.4). Ion., Lesb., Cret., Mess., Epid., Coan
 Ionic and Coan beside $\notin \rho \rho \sigma \eta \nu)$. Cf. also El. fáppevoo (from a byform with initial $f$; cf. Skt. vrssan-beside Avest. aršan-), later époc$\nu a i ́ t \epsilon \rho o s(\kappa o \iota \nu \eta$ influence, see also 80). $\theta$ éf $\sigma o s=\theta a ́ \rho \sigma o s$ in Aeolic

[^10](gram.; Lesb. $\boldsymbol{\theta}$ '́ $\rho \sigma \epsilon \sigma^{\prime}$ in Theocritus), and in proper names most frequently in Lesbian, Thessalian, Boeotian, and Arcadian, as Lesb.
 $\Theta \epsilon \rho \sigma$ ías, etc. кре́тos = кра́тos in Aeolic (gram.), but in proper names characteristic of Arcado-Cyprian, as Tıнокре́т $\eta \mathrm{s}$, $\Sigma \omega \kappa \rho$ év $\eta$ ऽ, etc. Ion. крє́ $\sigma \sigma \omega \nu$ (in $\kappa \rho \epsilon i \sigma \sigma \omega \nu, \kappa \rho \epsilon i \tau \tau \omega \nu$, the $\epsilon t$ is not original), but Cret. ка́ $\rho \tau \omega \nu$ (cf. картє $\rho^{\prime}$, кратє $\rho o ́ s$ ). Cret. $\tau \rho a \dot{\pi} \pi \omega=\tau \rho \in ́ \pi \omega$, as sometimes in Herodotus, Cret. $\tau \rho \dot{\alpha} \phi \omega=\tau \rho \dot{́} \phi \omega$, as in Pindar etc.,

 $=\pi a \nu \eta$ 'rvo $\iota s$ (with obscure $v$ ). For iepós, iapós, ipos, see 13.1. For д $\rho$ oф $\epsilon$ ús, $\sigma \tau \rho o \tau o ́ s, ~ e t c ., ~ s e e ~ 5 . ~$
a. The weak grade varies between ap and $\rho a$, as in Hom. крátos and ка́ртоs, кратєрós and картєро́s, etc. So Cret. кáртоs, картаîлоs, картєрós, $\kappa a ́ \rho \tau \omega \nu$, likewise $\sigma \tau a \rho \tau o ́ s=\sigma \tau \rho a \tau o ́ s$, Arc., Cypr., Corcyr., El. $\delta a \rho \chi \mu a ́$, Cret.

 variation is in part due to metathesis, and clearly so in Cretan, which has ap uniformly, as it also has $\pi о \rho \tau i ́=\pi \rho o \tau i$. . See 70.1.
3. Series $\epsilon \lambda$, o $\lambda$, $a \lambda$ or $\lambda a$ ( $\sigma \tau \dot{\epsilon} \lambda \lambda \omega$, $\sigma \tau \dot{o} \lambda o s, \dot{\epsilon} \sigma \tau d^{\prime} \lambda \eta \nu$ ). Arc. $\delta e ́ \lambda \lambda \omega=\beta \dot{a} \lambda \lambda \omega$ (cf. $\beta e ́ \lambda \lambda o s$ etc.). Arc., Cret., Delph., Epid. ó $\delta \in \lambda o ́ s$, Boeot. ò $\beta \in \lambda$ ós (rarely early Attic), Thess. ò $\beta \in \lambda \lambda$ ós $^{(89.3)=\text { ó } \beta \text { o } \lambda o ́ s ~}$ (assimilation?). West Greek $\delta \epsilon i \lambda o \mu a \iota, \delta \eta$ خ $\lambda о \mu a \iota$, Boeot. $\beta \epsilon i \lambda o \mu a \iota$, Thess. $\beta \dot{\epsilon} \lambda \lambda$ о $\mu a \imath$, all from a grade in $\epsilon \lambda,=\beta o v ́ \lambda o \mu a \iota$. See 75.
 éт $\tau \lambda o \nu$, Lesb. eै́ $a \lambda o \nu$, yearling (cf. Lat. vitulus). Cret., Corinth., Lac., Pamphyl. 'A $\pi \epsilon \bar{\prime} \lambda \lambda \omega \nu=$ ' $A \pi \delta \delta^{\prime} \lambda \lambda \omega \nu$ (o due to assimilation?), Thess. ${ }^{*} A \pi \lambda o v \nu$ with weak grade $\pi \lambda$.
4. Series $\epsilon \nu(\epsilon \mu), o \nu(o \mu), a$ or $a \nu(a \mu)(\tau \epsilon i \nu \omega \omega$ from * $\tau \epsilon \nu \iota \omega$, $\tau o ́ \nu o s$, $\tau a \tau o ́ s)$. Ion., Coan, Heracl. $\tau a ́ \mu \nu \omega=\tau$ é $\mu \nu \omega$, with $a \mu$ from ${ }^{\text {é }} \boldsymbol{\tau} a \mu о \nu$. For $\boldsymbol{f}$ ікать $=\epsilon \grave{\kappa} \kappa о \sigma \iota$, etc., see $116 a$. For participles with $a \tau$ beside

 whence Att.-Ion. " $\lambda \epsilon \omega \varsigma$, Cret. ${ }^{\prime} \lambda \epsilon \sigma$, but Arc. ${ }^{i} \lambda a o s$, as in Homer
 ér $\gamma \tau \eta \sigma \iota$ in Attic-Ionic, also in Lesbian and various West Greek dialects (though the examples are late and so possibly due to кo九vض' influence), but évктaбıऽ in Thessalian (also e้̛עтaбıऽ), Corcyraean, Epirotan, etc.
 ent root $\pi \bar{\alpha}-$-, like $\pi \hat{\alpha} \mu a=\kappa \tau \hat{\eta} \mu a$. See 69.4. $\pi \hat{\alpha} \mu a$ and related forms, frequent in literary Doric, were employed in preference to $\kappa \tau \hat{\eta} \mu \alpha$ etc. in most, perhaps all, the dialects except Attic-Ionic. Cf., besides ${ }^{\boldsymbol{\epsilon}} \mu \pi \mathrm{ma} \iota \boldsymbol{s}$ etc., Cret.

 тпа́थата, Cypr. Пáбıттоs, etc.

## CONSONANTS

## F

50. In Attic-Ionic the $F$ was lost at a very early period. In East Ionic there is no trace of it even in the earliest inscriptions; it is very rare in Central and West Ionic; and in Attic the only evidence of its existence is its occasional use to express the glide sound before $v$, as $\dot{a}_{f} v \tau a \dot{\rho} \rho$ (32). In Thera, too, it is absent from the earliest inscriptions (seventh century b.c.); likewise at Rhodes, Cos, etc., though here early material is scanty. In Lesbian it existed, initially at least, in the time of Alcaeus and Sappho, but is not found in inscriptions, of which, however, none of any extent is earlier than the fourth century.

But in most dialects it is of frequent occurrence initially, where it survives till the fourth century or later, in Cretan and Boeotian till the second. Between vowels it occurs in the earliest inscriptions of many dialects, after consonants in several, and before consonants in a very few.
a. In some cases the disappearance of $f$ from inscriptions is due to кovv' influence rather than to an organic loss of the sound within the dialect. So evidently in Laconian, as shown not only by its reappearance in the spelling $\boldsymbol{\beta}$ (51), but by its survival in some words in Tzakonian, the modern representative of Laconian, e.g. ßávee (vanne), lamb (fapv-).
b. Even where there is no reason to doubt the actual loss of the sound, the spelling, as is natural in such cases, only gradually adapted itself to the pronunciation, and often there is an interval of considerable length in which the older spelling with $f$ and the later spelling without $f$ occur promiscuously, even in the same inscription. In the Heraclean Tables the presence or omission of initial $F$ is constant for certain words, e.g. always $F$ in $f \dot{f} \xi$,
 hékaotos, ḯvos and hívos, etc.
51. $\beta$ for $f . ~ f$ is represented by $\beta$, which we must understand in its later value of a spirant (Engl. $v$ ), in numerous glosses and in the later inscriptions of several dialects. So frequently in Laconian from the fourth century b.c. to the second century A.D., e.g. $\beta i \delta \epsilon \epsilon \iota, \beta i \delta v o \iota$, title of officials ( $F \iota \delta-$ ), B $\omega \rho \theta$ éa beside F $\omega \rho \theta$ éa
 $\delta \iota a f e ́ \tau \eta \varsigma, \omega \beta$ á from * $\omega_{f} a^{\prime}$, etc. ; and in Cretan, e.g. Bó $\theta \iota o s, ~ B o \lambda o ́ \in \nu \tau a$,
 Bop日ayó $a s, \Pi \nu \rho \beta a \lambda i ́ \omega \nu=$ older $\Pi \nu \rho f a \lambda(\bar{o} \nu$, Corcyr. ö $\rho \beta o s=$ earlier hópfos, El. ßoıкlap = foıкlas (no. 61, in the stereotyped phrase $\gamma \hat{a} \rho$ каi $\beta$ оєкía $\rho$, otherwise $f$ lost). For initial $\beta \rho=f \rho$, see 55.
a. Conversely, $f$ is used in place of $\beta$ in $\dot{\alpha} \mu \kappa_{f} \dot{a}=\dot{\mathbf{a}} \mu \boldsymbol{\mu} \beta \dot{\alpha}$ of an early Corinthian inscription. The name of the Cretan town Fágos was sometimes represented by ${ }^{*} \mathrm{O}$ a $\xi$ os, as Lat. Nerva by Népoa.
52. $F$ initially before a vowel. Examples are numerous in inscriptions of most dialects, e.g. fétos (cf. Lat. vetus) in eleven dialects, foîcos (cf. Lat. vīcus) in twelve dialects, fíкaiィ (cf. Lat. vīgintī) in eight dialects, fáva $\xi$ in ten dialects, further, in various dialects, fapì̀, faбтós, fémos, fєıт-, fépyov, féppo, fíסıos, fíбos, foîvos, and many others (see also $a, b, c$ ), especially in proper names.
a. In several dialects which otherwise preserve $f$ it is lost before o and $\omega$ (but not before oc), as in Homer, e.g. in Gortynian forms of $\dot{\delta} \rho a ́ \omega, \dot{\omega} \nu \dot{\eta}$, $\dot{\omega} \theta \dot{\epsilon} \omega$, etc. without $f$ beside fíkatı, féкабтos, foıкeús, etc. ( $f o ́ v, ~ f o ̂ ̀ v ~ b y ~ a n a l-~$ ogy of fa, fiv, etc.). But the precise dialectic scope of this phenomenon is not yet determined, and fo is by no means unknown, e.g. Arc. foф $\lambda$ ékoat (no. 16, fifth century; in no. 17, fourth century, óф $\lambda^{\prime}$ v́v beside faotóv, féкa-

b. Initial $\sigma_{f}$ yields $h_{f}$, occasionally written $f^{h}$ (cf. Eng. which) but usually simply $f$, which, however, was pronounced as $h_{f}$ (or a surd $f$ ), as shown by the fact that after the loss of $f$ such words have the spiritus asper. Thus Boeot. Fheкa- סá $\mu$ оє, Thess. Feкé- $\delta a \mu o s$, Cret., Locr., Delph.,
 than $F$ in general, e.g. in Boeotian, where $\boldsymbol{\epsilon} \xi$ (from $\mathcal{F}^{\prime} \dot{\xi}$, i.e. fhég, from *sueks) and éкабтоs are frequent in inscriptions which otherwise have ini-

$c$. There are also some words with original initial $f$, not coming from $\sigma_{F}$, which have ' in their later forms, e.g. Att. iotwp, ioropía (cf. Boeot.

 àíконаи (cf. Thess. fa入íббкēтal, Goth. wilwan). The explanation, as in some other cases of secondary ', in which $F$ is not involved, is uncertain, but the following $\sigma$ and analogical influence are the chief factors.
53. Intervocalic $f$. This was lost sooner than initial $f$, hence is found in fewer dialects, and in most of these only in the earliest inscriptions. Often we find forms with and without $f$ from the same period or the same inscription, showing that it was either weakly sounded, or wholly lost in pronunciation and retained only in the spelling. This inconstancy is much greater than in the case of initial $f$. The spelling with $f$ often persists in proper names, and sometimes in certain conventional or solemn expressions, longer than elsewhere.

Examples are most frequent in Cyprian, where it appears almost uniformly except in some later inscriptions, e.g. aiffí, oifos, ${ }_{\rho} \delta_{f o s}$, סofévaı, $\beta a \sigma \iota \lambda \hat{e}_{F o s, ~ e t c . ~(b u t ~ a l w a y s ~ \pi a i ̂ s, ~ \pi a \iota \delta o ́ s, ~ w i t h ~ l o s s ~ o f ~ f) . ~}^{\text {, }}$
 (no. 9). Thess. $\Delta a^{\prime} \bar{\sigma} \bar{\nu}$, but otherwise lost, as in $h v \lambda \bar{o} \rho \in ́ o \nu \tau o s, ~ \epsilon ̇ \sigma o ̄ \sigma \epsilon ~$
 but not found after 450 B.c. except in a late archaistic inscription with трarafuסós etc. Phoc. клéfos, aifei (Crissa; sixth century).

 $\lambda e ́ o \iota$, but see $a$ ), but usually mo九éoı, even in the same inscription,



 Потēठầl，Aïfas，$\Lambda a f o \pi \tau \tau o ́ \lambda \epsilon \mu o s, ~ e t c . ~ C o r c y r . ~ p h o f a i ̂ \sigma \iota, ~ \sigma \tau o v o ́-~$ $f \epsilon(\sigma) \sigma a \nu$ ，etc．There are no examples of intervocalic $f$ in even the earliest inscriptions of Arcadian（cf．$\grave{\imath} \lambda a o \nu$ no．16），or Cretan （aicl，vaós，foıcéos，etc．）except in compounds（a）．
a．Even where intervocalic $F$ is regularly lost，it may appear in com－ pounds or in augmented or reduplicated forms，owing to the influence of the simplex or of the forms without augment or reduplication，where $f$ has
 in any dialect such forms are not necessarily evidence of the survival of true intervocalic $f$ ．
b．The use of $f$ to indicate the natural glide before or after $v$（see 32， 36）is also no evidence for the survival of the inherited intervocalic $f$ ．

54．Postconsonantal $f$ ．The combinations $\nu_{f}, \rho_{f}, \lambda_{f}$ ，and also $\sigma_{f}$（in some cases；see $f$ ）are preserved in the earliest inscriptions of some dialects．The loss of $f$ was accompanied by lengthening of the preceding vowel in East Ionic，Central Ionic（in part； see a）and Eastern Doric（Crete，Thera，Cos，Rhodes and colonies）， while in the other dialects，as in Attic，the vowel was not affected．
Corinth．Eévfṑ，ヨev－Ion．$\xi \in \imath ̂ \nu o s$, Cret．$\pi \rho o ́-$ In most dialects



El．ヨevfápєo
＊ë̀ ${ }^{\prime}$ fatos

Arc．кópfa
Corcyr．hópfos
Arc．кátapfos
Boeot．калғós
＊${ }^{\text {offos }}$
Boeot．，Cret．fl＇ffos


## Еŋขок入ทิs


Ion．єìveка，$\mu$ ồvos
Ion．кoúp $\eta$ ，Cret．$\kappa \omega ́ \rho a$ Ion．oủpos，Cret．©̈pos， Ther．ovjos
Ion．$\dot{a} \rho \eta$
Ion．ка̄入ós
Ion．ov̉̉os
Ion．ivos


ё $\nu$ atos

$\kappa o ́ \rho a(\kappa o ́ \rho \eta)$
öpos
$\grave{a} \rho a ́$
кă入ós
ö ${ }^{\circ}$ os
й $\sigma$ os
a. To the lengthening in East Ionic there are possibly some local excep ${ }^{2}$ tions, but, in general, forms like $\xi^{\prime} \dot{v o s}$, and especially $\pi \rho o ́ \xi \in v o s$, are due to Attic influence. Similarly in Rhodian etc. where $\boldsymbol{\xi} \in \hat{v} v o s$ has survived only in proper names, and in late Cretan where $\pi \rho o \xi^{\xi} \varepsilon^{2} 0 s$ is far more common than $\pi \rho o ́ \xi \eta v o s$. In Central Ionic the lengthening is attested for Paros and Thasos, but it is uncertain how far west this extended. From many of the islands, both Ionic and Doric, decisive material is lacking.
b. Lesb. $\boldsymbol{\xi}$ évos, êvveka, in grammarians and late inscriptions, are probably hyper-Aeolic, due to the frequency of $\nu v$ from $\nu \stackrel{L}{l}, \sigma \nu$, etc. (7.4, 76, 77.1).
 see 19.3 ; for Boeot. $\Delta a \mu \xi^{\xi} \epsilon_{i v o}^{\prime}, 92 a$.
c. Different from öpfos etc. is Corinth. $\Pi$ v́pfos (cf. Arg. $\Pi_{v \rho f i a s, ~ \Pi v \rho-~}^{\text {in }}$ fa入ióv), probably standing for חúppfos (from *חúpofos with early assimilation of $\rho \sigma$ before $f$ ), whence the $\Pi$ v́ppos of most dialects.
d. An example of $f$ after a mute is Corinth. $\Delta_{f} \bar{\epsilon} \nu i \bar{a}=\Delta e \iota v i o v . ~ C f . ~ H o m . ~$

e. $\tau_{f}$ yields $\tau \tau$ or $\sigma \sigma$, with the same distribution as for original $\kappa l$ etc. (81), e.g. Att. тє́ттapes, Ion. тé $\sigma \sigma \epsilon \rho \epsilon s$, etc. (cf. Lat. quattuor, Skt. catväras). In West Greek rétopes the $\tau$, instead of $\sigma \sigma$ or $\tau \tau$, is due to the analogy of other forms such as $\tau$ étpatos, in which $f$ was expelled between the consonants. Cf. also $\eta_{\eta} \mu \sigma \sigma o s$ from ${ }^{*}{ }_{\eta} \mu \tau \tau o s(61.6)$.
$f$. The history of $\sigma_{f}$ in fí ${ }_{f}$ os etc., probably of secondary origin, is to be distinguished from that of original intervocalic $\sigma_{F}$, the treatment of which is apparently parallel to that of $\sigma \mu$ etc. (76). Thus Lesb. $\nu a v o s$, Dor. vāós, etc. probably come from *vaffos (cf. vaí $\omega$, vá $\sigma-\sigma a u$ ), which in Lesbian becomes first *váffos (like ä $\mu \mu c$ ), whence *vav̂fos, vav̂os (35), elsewhere $\begin{aligned} \text { āfós }\end{aligned}$

55. $F$ before consonants. Corresponding to Att. $\dot{\rho} \dot{\eta} \tau \rho a, \dot{\epsilon} \rho \rho \dot{\eta} \theta \eta \nu$,

 $\tau \dot{\sigma} \sigma a \tau v$, also spelled $\epsilon \dot{\jmath} f \rho \bar{\epsilon} \tau a ́ \sigma a \tau v$ indicating an anticipation of the f. Cf. $a$ and 35. So also $\kappa \epsilon \nu \epsilon v_{f o ́ v}^{\nu}$ from $\left.\kappa \epsilon \nu \epsilon \notin o ́ \nu\right)$, Arg. fefpē $\mu \epsilon ́ \nu a$,



 Delph. $\bar{a} \lambda l a, ~ a s s e m b l y, ~ I o n . ~(H d t). ~ \dot{a} \lambda i ́ \eta ~(a l s o ~ f r o m ~ a ́ f a \lambda-, ~ w i t h ~ I o n . ~$ $\bar{a}$ from $a_{f} a$ as in $\overline{\tilde{a}} \tau \eta$, á $\left.\nu \bar{a} \lambda i ́ \sigma \kappa \omega\right)$.
f $\rho$ appears as $\beta \rho$, indicating a pronunciation $v r$, in Lesbian words quoted by grammarians and in our texts of the Lesbian poets ( $\beta \rho \eta{ }^{\prime} \tau \omega \rho, \beta \rho \delta^{\delta} o v$, etc.), though this has become simply $\rho$ at the time of our earliest inscriptions. Cf. also Boeot. Bpaviסas beside Fáp $\boldsymbol{\nu} \omega$.

In most dialects $F$ was lost before the time of our earliest inscriptions and we find, as in Attic, initial $\dot{\rho}$, medial $\rho \rho$ or $\rho$. See $a$.
$a$. In the case of medial $f \rho$, which would occur only in compounds and augmented or reduplicated forms of words with initial ${ }_{f} \rho$, the $f$ unites with the preceding vowel to form a diphthong in Lesbian (cf. 35), e.g. eipár ,
 Hom. talav́pıos from *radá-fplvos. But elsewhere the syllabification of the simplex (or form without augment or reduplication) was retained (i.e. $f \rho$ with the following vowel), and later this $f \rho$ became $\rho \rho$ or sometimes
 augmented and reduplicated forms have $\rho \rho$, as Att. $\dot{\epsilon} \rho \rho \dot{\eta} \theta \eta \nu$ ( $\epsilon^{\prime \prime} p \eta \kappa \alpha$ is formed
 " $\rho \rho$ pra, while compounds also usually have $\rho \rho$ but sometimes $\rho$ under the continued influence of the simplex, as Att. àvapp $\theta \theta$ ei's but also àvap $\theta \theta$ ei's,
 also h $\eta \mu \mu \rho \eta$ vaía. Cf. $\rho \rho$ and $\rho$ from $\sigma \rho, 76 \mathrm{~b}$. The development of medial
 example in Lesbian.

## Consonantal $4(\underset{\downarrow}{\text { ) }}$ )

56. Original $\iota$ almost wholly disappeared from Greek in prehistoric times, giving ' or, rarely, $\zeta$ initially, as in ös (Skt. yas), $\boldsymbol{\eta} \pi a \rho$
 combination with a preceding consonant (71, 81, 82, 84), and being dropped between vowels, as in $\tau \rho \epsilon i{ }^{\text {is }}$ from ${ }^{*} \tau \rho \epsilon \iota \epsilon s$ (Skt. trayas), etc. But between $\iota$ and a following vowel, as in $i \pi \pi \iota o s$, it always existed as a natural glide in pronunciation, and in a few dialects this is expressed in the spelling. So, by the repetition of $\iota$, in Pamphylian, as $\delta \iota \iota$, hıuapoîбı, etc., and sometimes elsewhere, as
 Kapvelıas, Ion. T $\mathfrak{\iota} \iota \iota o \iota, \boldsymbol{\theta} \omega \iota \neq \nu$ (37.2). In Cyprian a special character, which we transcribe $\boldsymbol{j}$, is generally employed, though not
uniformly, as in the Idalium bronze (no. 19) regularly before a,


## The Spiritus Asper. Psilosis

57. The spiritus asper generally represents an original $\sigma$ (59) or $\ell(56)$, but in some words is of secondary, and sometimes obscure,

 $\dot{\eta} \mu \varepsilon i ̂ s, \dot{a} \mu$ és (cf. Skt. asmãn) with 'after the analogy of $\dot{\boldsymbol{\nu}} \mu \mathrm{i} \hat{\mathrm{S}}$ (with ' from $\downarrow$ ). The sound was denoted by H (earlier 日) until the introduction of the Ionic $H=\eta$, after which it was generally left undesignated. ${ }^{1}$ But see 4.7.

Psilosis, or the loss of the spiritus asper, is characteristic of East Ionic (whence the sign was left free for use as $\eta$; see 4.6), Lesbian, Elean, Cyprian, and Cretan (i.e. Central Cretan).
a. Psilosis is shown, not only by the absence of $\mathrm{H}=\boldsymbol{h}$, but by the presence of phrases and compounds in which a preceding mute is not changed to the aspirate, e.g. East Ion. àn' íкáctov, àn' ov̉, катáтер, El. катибтаíé, Cret. катьбтá $\mu \varepsilon v$. But psilosis is no bar to the retention of aspirated mutes in phrases and compounds which were formed prior to the loss of the asper. For they would be affected, if at all, only by the analogical influence of the
 $\lambda_{\text {ó } \mu \text { evos, etc. Cf. Mod.Grk. каAírin } \mu, \text { ádov̂, etc., in spite of the loss of the }}$ spiritus asper.
58. Even in those dialects which generally preserve the spiritus asper, and which, in distinction from those with psilosis, we may call the $h$-dialects, there are many irregularities, partly in special words,

[^11]where by-forms evidently existed, partly due to the weak pronunciation of the sound in general (cf. the variations in Latin spelling).
a. In several dialects the forms of the article, $\boldsymbol{\delta}, \boldsymbol{a}$, etc., appear regularly or frequently without $h$, showing that in these proclitic forms it was either wholly lost or more weakly sounded than elsewhere. So in Locrian (nos. 55, 56) always $\dot{\mathbf{o}}$, never ho (cf. also $\kappa^{\prime} \mathbf{~ b}$ ), fem. ${ }^{\dot{d}}$ and ha once each; in Delphian (no. 51) $\dot{o}$ as article (A 30, 38, C 19), but demonstrative ho (B 53); Thess. коi = каi ó (no. 26); ó likewise in some early inscriptions of Boeotia, Pamphylia, Syracuse, Metapontum, and Sybaris. The same is probably to be inferred for Arcadian from the omission of $h$ in the relative, as ${ }_{a} \nu=\boldsymbol{a} \boldsymbol{a} \boldsymbol{a} \nu$ (nos. 16.14, 17.7), with which compare Boeot. $\overline{\tilde{s}} \mathrm{~S}=\boldsymbol{\omega} \mathrm{E}$ (no. 40) and Delph. $\mathbf{a s}_{s}$ (no. 51 A 28 ) beside usual hồ, hóotrs, etc., though in most dialects the $h$ of the relative is uniformly retained.
b. Other forms which regularly have the spiritus asper, but for which by-forms with the lenis are to be recognized, are: $\boldsymbol{\eta} \mu \dot{\rho} \rho a$, but even in Attic

 lenis in Rhodian and Argolic, as Rhod. èn' iefé̀s, Arg. iapouvá $\mu v e s$ (nos. 76, 77, with ho etc.), Epid. iapo $\mu \nu$ vánoves (no. 83, with houováos etc.), Aegin. $_{\text {. }}$ lapéos (beside hoîkos $=\boldsymbol{\delta}$ olkos, $\chi^{\bar{o}}=$ каì $\mathbf{\delta}$ ). So è $\boldsymbol{e}^{\prime}$ ' lapềs in the Megarian inscription no. 92, in contrast to huafory at Selinus, is probably due to the Epidaurian graver. For Mant. iepós, see d. ท̀ $\mu \in$ ês (see 57), in Doric dialects




c. Several words which regularly have the lenis show secondary forms with the asper in various dialects. Thus ïros (from féros), but Heracl.

 similar phrases. "idos (from fídos), but Thess. кat' isoiav, and so often in



 hevarós, all after ètrá. So probably by a still further extension of the asper
 haкробкьр́as, Corcyr. háкроя, and perhaps Delph. haкрótıva (? no. 51 D 47).

and éфоркє́ш, while Delph. éфакє́ода from áкє́орац is obscure. In Thess.
 due to contamination with some other word.
d. Besides such special cases as have been noted in $a, b$, and $c$, there are in some dialects irregularities which seem to be due to confusion in spelling consequent upon the asper being weakly sounded or on the verge of total disappearance, though even some of these may possibly be due to spe-
 ưoíav ( $h$ before $v$ in huró), and, vice versa, once Нотоитiōv beside 'Oaóvtio,
 v̀rrépas, and once háv for ${ }_{a}^{a} v$, and the very early Mantinean inscription, no. 16, shows no example of $h$, though containing not only oidé (see a) but öcua, "̈laov, and iepos for which hiepós is fully attested in the other Arcadian inscriptions as no. 16; and among the brief archaic inscriptions there is a notable lack of agreement in this matter. Heraclean has, besides the cases mentioned under c, öpos, ópís $\omega$, where we expect hópos, and háprqots, hoíбоvтı, for ä $\rho v \eta \sigma \iota s$, oícovtı. At Epidaurus, no. 83 has always ärepos not hórepos.

## $\boldsymbol{\sigma}$. Loss of Intervocalic $\sigma$

59. Original initial $s$ became the spiritus asper in proethnic
 sac-), etc. At the same time intervocalic $s$ was changed in the same way and then lost, as in réveos (Skt. janasas, Lat. generis), etc. Nevertheless there are many Greek words with intervocalic $\sigma$, either retained by analogy as in the aorist, or of secondary origin as $\sigma$ from $\tau$ (61).

This Greek intervocalic $\sigma$ was subjected to a similar process, namely became $\boldsymbol{h}$ and was later lost, in Laconian, Argolic, Elean, and Cyprian.

1. Laconian. Early èmiouēhe, vıкáhas, èvhēßốhaıs, Mohoıסâvı,

 etc. Cf. also $97 a$. Examples of $\sigma$ omitted are also in Ar. Lys. and in glosses. This was a characteristic of Laconian speech from the earliest known period, and is faithfully represented in the spelling of most of the early inscriptions. But it was felt as a provincialism and ignored in the spelling of some few early inscriptions
 the retention of $\sigma$ in this non-Laconian name is natural anyway;
 usually show $\sigma$ : See 275.

 h( $\lambda a s,[\delta a \mu o] h i ́ a \iota, ~ e t c ., ~ l a t e r ~ \delta a \mu o ́ \iota o \iota ~(\delta a \mu o ́ \sigma \iota o \iota), ~ \theta \eta a v \rho o ́ \nu ~(~ \theta \eta \sigma a v \rho o ́ \nu), ~$ Te $\lambda \epsilon i \pi \pi \pi$ ( $\mathrm{T} \epsilon \lambda \epsilon \sigma \iota-$ ), © $\rho a ́ v \lambda \lambda o s(\Theta \rho a \sigma v-)$, etc. But forms with $\sigma$ are also frequent at all periods, e.g. $\theta$ é $\sigma a v \rho o ́ s, ~ к a \tau a \theta e ́ o \iota o s ~(n o . ~ 78, ~$
 This inconsistency in the spelling, which is even greater than in Laconian, has the same explanation. See 1, and 275.
a. Nearly all the examples are from Argos and vicinity, from which one might conclude that the change was specifically Argive, not general Argolic. But there are some traces of it at Epidaurus, and the absence of other examples may be due to external influence.
2. Elean. In no. 60 (middle fourth century) $\dot{a} \delta \epsilon a \lambda \tau \omega \dot{h a \iota \epsilon, ~ \phi u \gamma a-~}$ $\delta \epsilon v ́ a \nu t \iota ~(a o r . ~ s u b j),. ~ b e s i d e ~ \delta a \mu о \sigma \iota \hat{\omega} \mu \varepsilon \nu, \delta a \mu о \sigma \iota \sigma i a$. In no. 61 (after
 ávaOé $\sigma \iota \rho$ etc. In all the earlier inscriptions intervocalic $\sigma$ is unchanged.
 also in sentence combination (cf. $97 a$ ), as $\kappa \grave{a} \dot{a}(\nu) \tau \boldsymbol{l}(\kappa \grave{a} \mathfrak{a} \dot{a} \nu \tau i)$ ), $\tau \hat{a}$


## Rhotacism

60. Rhotacism, or change of $\sigma$ to $\rho$, is found in Elean, late Laconian, and Eretrian, rarely elsewhere.
61. Elean. Final $s$ appears uniformly as $\rho$ in the later inscriptions, nos. 60, 61, e.g. $\tau \iota \rho$, aì $\mu a \tau o \rho$, öt $\tau \omega \rho$, $\pi$ ódıop. Most of the earlier inscriptions show $-s$ and $-\rho$ side by side without any apparent system. Rhotacism of intervocalic $\sigma$ is unknown (cf. 59.3).
a. In the earlier inscriptions $\rho$ is relatively most frequent in forms of the article and the indefinite or the relative pronoun, e.g. тoíp, $\tau \varphi \rho$, öp, and
possibly the rhotacism began in such enclitic and proclitic forms．But even here there is great fluctuation in the spelling．

2．Laconian．Rhotacism of final $s$ is seen only in very late inscrip－ tions，e．g．$\nu \iota \kappa$ áap，قєv́そıாmoノ，etc．，confirmed by numerous glosses．

3．Eretrian．Rhotacism of intervocalic $\sigma$ is frequent in inscrip－ tions of Eretria and Oropus，e．g．Eretr．ê $\chi o v \rho \iota \nu, \theta \dot{v} \omega \rho \iota \nu$ ，é $\pi \iota \delta \eta \mu$ éco－
 But there are many exceptions，and the use of $\rho$ is gradually given up under Attic influence．Although Plato，Cratylus 434 c，remarks that the Eretrians say $\sigma \kappa \lambda \eta \rho \delta \tau \eta \rho$ for $\sigma \kappa \lambda \eta \rho o ́ \tau \eta s$ ，there is no inscrip－ tional example of $\rho$ for final $s$ except once oั ${ }^{\circ} \pi \omega \rho{ }^{2} \nu$ ，for which see $97 a$ ．

4．Rhotacism of $\sigma$ before a voiced consonant is seen in Eretr． Mépyos＝Míбүos，late Cretan（Gortyna）ко́ $\mu \boldsymbol{\mu}=\kappa о ́ \sigma \mu о \iota, ~ T h e s s . ~$ （Matropolis，Pharsalus）Өєóрботоs＝Өєóбסотоs．In most dialects $\sigma$ in this position was pronounced as a sonant（z），and in late times often indicated by $\zeta$ ，as $\psi \eta ́ \phi \iota \zeta \mu a$ ．

## Change of $\boldsymbol{\tau}$ to $\boldsymbol{\sigma}$

61．$\tau$ is changed to $\sigma$ very frequently before $\iota$ ，and sometimes before $v$ ．The more precise conditions are uncertain，and the change is in part independent of dialectic variation，$\tau$ being retained in some words in all dialects，e．g．$\dot{a} \nu \tau i$ ，and in some words becoming $\sigma$ in all dialects，e．g．most words like $\beta a^{\prime} \sigma \iota s$（Skt．$\left.g a-t i-s\right), \sigma \tau a ́ \sigma \iota \varsigma$ ，etc．

But in a considerable class of words there is a distinct dialectic distribution of the $\tau$－and $\sigma$－forms，the retention of $\tau$ being a nota－ ble characteristic of the West Greek dialects，in which Boeotian and Thessalian also share．

1．Verb forms with the endings $-\tau \iota,-\nu \tau \iota$ ，as $\delta \delta \delta \omega \tau \iota, \phi$ épovt $\iota=$ $\delta i \delta \omega \sigma \iota, \phi e ́ \rho o v \sigma \iota$（Arc．фépovaı，Lesb．фépoı⿱九）．Examples are plenti－ ful in all the West Greek dialects and Boeotian（ $-\tau \iota,-\nu \theta \iota$ ），and for Thessalian are indirectly evidenced by $-\nu \theta \iota$ ．See $\mathbf{1 3 9 . 2}$ ．

2．The numerals for 20 and the hundreds，（ $f$ ）і́кать $=$ єїкобь， $-\kappa a ́ т \iota o \iota=-\kappa o ́ \sigma \iota o \iota$（Arc．$-\kappa$ áб८o七）．
3. Some nouns and adjectives in -tıs, - tıos, -tıa. Most words of this class have $\sigma$ in all dialects. But 'A $\boldsymbol{\prime} \tau a \mu i ́ \tau \iota o s={ }^{\prime} \mathbf{A} \rho \tau \epsilon \mu i \sigma \iota \circ$ in numerous West Greek dialects, Boeot. Evैт $\boldsymbol{\eta} \tau \iota \varsigma=$ Ev̌r $\rho \eta \sigma \iota \varsigma$ (the Aeolic form in Homer), Coan, Delph. évıaútıos = èvıaúrıos, etc.
4. mopti' in Cretan, moti in all other West Greek dialects, with Boeotian and Thessalian, = Att.-Ion., Lesb. тpós, Arc.-Cypr. mós. But Homer has $\pi \rho o \tau i$, тотí, as well as $\pi \rho o{ }^{\prime}$. See $135.6 a$.
5. Потє $\delta \dot{\alpha} \omega \nu$, Потє८ $\delta \dot{\alpha} \nu$, etc. $=\Pi$ Поєє $\delta \hat{\omega} \nu$, the forms with $\tau$ being attested for numerous West Greek dialects, with Boeotian and Thessalian. Lac. Mohoo $\delta \dot{a}^{\nu}$ is a relic of the Pre-Doric (Achaean) form (cf. Arc. Пoбoi $\delta a^{\prime} \nu$ ), with the Laconian change of $\sigma$ to $h$. Mo$\sigma \epsilon \iota \delta a^{\nu}$ in some later Doric inscriptions is probably due to the influence of the usual Побє $\iota \delta \omega \hat{\nu}$.
6. $\tau v ́ v i n$ literary Doric and an inscription of Epidaurus, Boeot.
 but Att.-Ion., Arc. $\eta_{\mu} \mu \sigma \nu \varsigma$, Lesb. aĭ $\mu \iota \sigma \nu s$, with suffix $-\tau v$, beside which we find Arc., Delph., Epid., Meg., Thess., late Cret. $\tilde{\eta}^{\mu} \mu \sigma \sigma o s$


## $\beta, \delta, \gamma$

62. In general $\beta, \delta, \gamma$ remained simple mediae, but in some dialects there are indications of their pronunciation as spirants, which eventually prevailed even in Attic (cf. Mod.Grk. $\beta=v, \delta=$ "soft" $t h, \gamma=$ guttural spirant). Such are:
63. The use of $\beta$ for $f$ in later Laconian etc. See 51.
64. The representation of $\delta$ by $\zeta$ in three of the very earliest
 though the others have $\delta$, following what was the usual spelling


65. The occasional omission of $\boldsymbol{\gamma}$ or substitution of $\iota$, as in Boeot.
 $\mu h \epsilon \iota a ́ \lambda[a \nu]$ ( $\mu \epsilon \gamma \dot{\jmath} \lambda \eta \nu$ ), and ỏ入íos (ỏ入íros) in late inscriptions of various places.
66. The occasional representation of $\gamma$ by $\zeta$ in Cyprian, as $\zeta \hat{a}$ ( $\gamma \hat{a}$ ), á̧aOós (ảyaOós).
67. Cret. $\sigma \pi \sigma^{\circ} \delta \delta a^{\nu} \nu$. See 89.3.

$$
\phi, \theta, \chi
$$

63. In general $\boldsymbol{\phi}, \boldsymbol{\theta}, \boldsymbol{\chi}$ remained true aspirated mutes, and in the earliest type of the alphabet, which had a sign for $\theta$ but none for $\phi$ or $\chi$, these two were represented by $\pi h$ and $\kappa h$, as at Thera, or, where a sign for $h$ was not in use, simply by $\pi$ and $\kappa$, as in the Gortynian Law-Code (e.g. $\kappa \rho o ́ v o s=\chi \rho o ́ v o s, \pi v \lambda a^{\prime}=\phi \nu \lambda \eta$ ). Spellings like $\gamma \in ́ \gamma p a \pi \phi a, \delta \in \delta o ́ \kappa \chi \theta a \iota$ are mostly late, an exceptionally early example being Delph. $\lambda_{\epsilon \kappa} \chi{ }^{\circ} \stackrel{i}{c}$ (no. 51 D 13 ; dat. sg. of $\left.\lambda \epsilon \chi \bar{\omega}\right)$.

But the pronunciation as spirants (Engl. $f$, "hard" th, Germ. ch), which eventually prevailed even in Attic, may have existed at a much earlier period in some dialects. Such a pronunciation of $\theta$ is certainly presupposed by Lac. $\sigma=\theta$ (64), and probably by Cret. $\theta \theta=\sigma \theta$ etc. ( $81 a, 85.3$ ). So too $\sigma \tau=\sigma \theta$ in Locrian, Elean, etc. (85.1) is most plausibly explained as due to the fact that $\theta$ had become a spirant in other positions, but remained an aspirated mute after $\sigma$ and so, in contrast, was denoted by $\tau$. A similar explanation probably holds for some other cases where $\tau$ is used for $\theta$, as Cret. $\tau \nu a \tau o ́ s$ etc. (66), and Cret. Пútıos, i.e. Пúもios, the originally Delphian epithet of Apollo, with its hallowed pronunciation retained (also sometimes spelled חoítos with oi to denote the pronunciation of $v$ as $\ddot{u}$, Cretan $v$ being $u$; see 24).
64. Laconian $\sigma=\theta$. The use of $\sigma$ by Aristophanes in the Lysistrata to indicate the sound of the Laconian $\theta$ (and there is no good reason to doubt that this belongs to the original text) shows that it had become a spirant which would strike the Athenian ear as $\sigma$, even if not yet fully identical with it. The Laconians themselves retained the spelling $\theta$ in all the earlier inscriptions,
 inscription, and in very late inscriptions à $\nu$ é $\tau \eta \kappa \epsilon$, B $\omega \rho \sigma$ éa (Fop ${ }^{\prime}$ ia), $\kappa a \sigma \sigma \eta \rho a \tau o ́ \rho \iota \nu$ beside $\kappa a \theta \theta \eta \rho a \tau o ́ \rho \iota o \nu$, etc.

## Interchange of Surds, Sonants, and Aspirates

65. Dissimilation and assimilation of aspirates, or transposition of the aspiration. The dissimilation seen in $\tau i \theta \eta \mu \iota$ from ${ }^{*} \theta i \theta \eta \mu$, трé $\omega$ from * $\theta \rho e ́ \chi \omega$ (cf. $\theta \rho e ́ \xi o \mu a \iota$ ), etc., belongs to the proethnic period. But there are some examples of later, dialectic, assimilation. So Cret. $\theta_{\imath} \theta e ́ \mu \in \nu o s=\tau \iota \theta$ é $\mu \varepsilon \nu o s, \theta$ víca (i.e. $\left.\theta u ́ \chi a\right)=\tau v ́ \chi \eta$, West
 sixth century Attic inscriptions), $\theta \dot{v} \sigma \theta \bar{\epsilon} \nu=\tau v \theta \hat{\eta} \nu a \iota$ (in part analogical, $\theta v \sigma$ - as in $\theta v \sigma \tau a ́ s$ etc.), Lac., Epid. $\theta \in \theta \mu o ́ s$, Locr., El. $\theta \in ́ \theta \mu \iota \nu$ $=\tau \epsilon \theta \mu o ́ s, \tau e ́ \theta \mu \iota o \nu$, Att. $\theta \epsilon \sigma \mu o ́ s, \theta e ́ \sigma \mu \iota o \nu$ (164.4), Att. (inscr.) è $\nu$ $\theta a \hat{v} \theta a=$ usual Att. $\mathfrak{\epsilon} \nu \tau a \hat{v} \theta a$. Ion. $\mathfrak{\epsilon} \nu \theta a \hat{v} \tau a$ is the more original form (from ě $\nu \theta a$ ), whence Att. $\epsilon^{\prime} \nu \tau a \hat{v} \theta a$ through transposition of the aspiration and influence of tav̂ta. Cf. also Eub. èvtov̂Өa like tov̂ta (124). El. èv $\tau a \hat{v} \tau a$ is from év $\theta a \hat{v ̂ \tau a, ~ t h r o u g h ~ i n f l u e n c e ~ o f ~ \tau a v ̂ \tau a ~(b u t ~}$ cf. also 66). For transposition cf. also Ion. ă $\chi a \nu \tau о \varsigma=a ̆ \kappa a \nu \theta o s$,

66. There are scattered examples of variation between surd and aspirate, surd and sonant, etc., especially before a nasal. Locr.
 $\delta_{\iota} \kappa \kappa o ́ v \tau \omega \nu$ beside $\delta \iota a \gamma \nu o ́ \nu \tau \omega \nu$, Eretr. à $\pi o \delta \epsilon i ́ \gamma \nu v \sigma \theta a \iota$, Ther. èv $\nu \epsilon \iota \gamma \nu u ́-$ $\mu \epsilon \nu 0 s$ to $\delta \in i \kappa \nu \nu \mu \iota$, Aetol. à $\chi \nu \eta \kappa o ́ \tau a s$ beside $\dot{a} \gamma \nu \eta \kappa \omega ́ s(\dot{a} \gamma \nu \epsilon \in \omega=a ̆ \gamma \omega)$. Ion. (Chios) $\pi \rho \hat{\eta} \chi \mu a=\pi \rho \hat{\gamma} \gamma \mu a$, Epid. $\phi \dot{\alpha} \rho \chi \mu a=\phi \rho a ́ \gamma \mu a$, $\pi \dot{\alpha} \rho-$ $\delta_{\epsilon \iota \chi \mu} \boldsymbol{\tau}=\pi a \rho a ́ \delta \epsilon \iota \gamma \mu a$, probably contain the suffix $-\sigma \mu a$. Cf. $\tau \in ́ \chi \downarrow \eta$ from * $\tau \in ́ \kappa \sigma \nu \bar{a}$. (So perhaps Delph., Locr. é $\chi$ Өós from *é $\chi \tau o ́ s$, this


In Pamphylian $\nu \tau$ becomes regularly ( $\nu$ ) $\delta$ ( $\nu$ not written, 69.2),
 Pamph. $\dot{a} \tau \rho o ́ \pi \pi o \iota \sigma \iota)=\tilde{a} \nu \theta \rho \omega \pi \sigma \varsigma, \dot{a} \nu \tau \rho \hat{\eta} \iota \circ \nu=\dot{a} \nu \delta \rho \epsilon \hat{\epsilon} \circ \nu$, it is uncertain whether the preceding $\nu$ or the following $\rho$ is the more important factor. Locr. $\phi \rho i \nu=\pi \rho i v$ is obscure.

El. $\pi \dot{a} \sigma \kappa \omega=\pi{ }^{\prime} \sigma \boldsymbol{\sigma} \chi \omega$ is probably due to the influence of other verbs in $-\sigma \kappa \omega$ (but possibly like $\sigma \tau=\sigma \theta$, cf. 63). For Att.-Ion. סé $\chi o \mu a \iota$ with analogical $\chi$ (to $\delta e ́ \xi \neq \mu a \iota$, after $\beta \rho \in ́ \chi \omega$ to $\beta \rho e ́ \xi \xi \omega$, etc.)
other dialects (and Ionic in part) have the original סécoual (cf. Att. $\delta \omega \rho o \delta o ́ \kappa o s)$. oú $\delta \epsilon(\varsigma, \mu \eta \delta \epsilon i ́ s$, are replaced by oủ $\theta \epsilon i ́ s, \mu \eta \theta \epsilon i ́ s$, with $\boldsymbol{\theta}$ from $\delta+$ the spiritus asper of $\epsilon \mathcal{\epsilon}$, in later Attic and elsewhere.
a. Very late inscriptions show numerous examples of confusion, not



## Interchange of $\pi$ and $\pi T$

67. Of the Homeric by-forms of $\pi o^{\prime} \lambda \iota s$ and $\pi \sigma^{\prime} \lambda_{\epsilon \mu} \mu s, \pi \pi o \lambda_{l s}$ is found also in Cyprian, rarely in Arcadian and Cretan, and in Thes-
 $\pi \tau, 86.2$ ); $\pi \tau \boldsymbol{\sigma} \boldsymbol{\lambda} \epsilon \mu 0$ is found in Cyprian (gloss) and Cretan (rare), and in many dialects as the second member of proper names.

## Interchange of Labials, Dentals, and Gutturals

68. 69. Those sounds of the parent speech which are called labiovelars and are commonly designated as $q_{\sim}^{u}, g_{\sim}^{u}, g_{\sim}^{u} h$, appear in Greek regularly as (1) labials before the back vowels $a, 0, \omega$, and before consonants, (2) dentals before the front vowels $\iota, \epsilon, \eta$, (3) gutturals before and after $v$. Thus $\pi 0 \hat{v}, \pi o ́ \theta \in \nu$ (Lat. $q u o d$, cf. Osc. pod), óтоîos, but тís (Lat. quis), $\tau \epsilon$ (Lat. que), Cret. ó $\tau \in i o s,-\pi \epsilon \mu-$ $\pi a ́ s, \pi \epsilon ́ \mu \pi \tau о \varsigma$, but $\pi$ évтє (Lat. quinque), 一 $\lambda$ v́кos (Eng. wolf), $\gamma v \nu \eta$ ' (Eng. queen) beside Boeot. $\beta$ avá. But before $\iota$ usually $\beta, \phi$, e.g. $\beta$ los (Lat. vīvus), with $\delta$ only in Heracl. évסє $\delta \iota \omega \kappa$ óт $=\dot{\epsilon} \mu \beta \epsilon \beta \iota \omega-$ кóta. Many exceptions are due to leveling between related forms, e.g. $\beta$ é̀ios after $\beta a ́ \lambda \lambda \omega$, Cypr. $\pi \epsilon \boldsymbol{i} \boldsymbol{\sigma} \iota=\tau \epsilon i ́ \sigma \epsilon \iota$ after $\pi о \iota \nu a ́$, etc. Instead of $\pi \rho \epsilon ́ \sigma \beta \nu \varsigma$, with analogical $\beta$, several dialects have forms with $\gamma$, which is regular before $v$, e.g. Cret. mpeîरvs etc., Boeot. $\pi \rho \iota \sigma y \in i e s ~(s e e ~ 86.3) . ~ E x a m p l e s ~ o f ~ t h e ~ n o r m a l ~ r e l a t i o n ~ a r e ~ A r c . ~$ $\delta_{e ́ \lambda} \lambda \omega=\beta a ́ \lambda \lambda \omega$, West Greek $\delta \eta^{\prime} \lambda o \mu a \iota$, $\delta \in i ́ \lambda o \mu a \iota(75)=\beta o v ́ \lambda o \mu a \iota$, Delph. etc. $\dot{o} \delta \in \lambda{ }^{\prime}{ }^{\prime}(49.3)=$ ó $\beta$ o $\lambda o ́ s$ (but if from the rare early Att. ò $\beta \in \lambda o ́ s, \beta$ is analogical, as in ò $\beta \in \lambda i ́ \sigma \kappa o s$. Boeot. ò $\beta \in \lambda o ́ s$, Thess. ó $\beta \in \lambda \lambda$ ós may belong under 2 , below). $^{2}$
1. But it is a notable characteristic of the Aeolic dialects that they very frequently show a labial even before a front vowel, where the dental is regular elsewhere. Thus Lesb., Thess. $\pi \epsilon ́ \mu \pi \epsilon=$ $\pi e ́ v \tau \epsilon$, Lesb. $\pi$ é $\sigma \sigma v p \epsilon s$ (Hesych., cf. Hom. mírvpes), Boeot. $\pi$ ét-
 $\sigma a ́ \tau \omega=\tau \epsilon i ̂ \sigma a \iota$ etc., Lesb. $\pi \eta \dot{\eta} \lambda \nu \iota$ (Sappho), Boeot. Пєi入e-бтротíoas to $\tau \hat{\eta} \lambda \epsilon$, Thess. $\beta \dot{\epsilon} \lambda \lambda \boldsymbol{\lambda} \mu a \iota$, Boeot. $\beta \in i \lambda \lambda \mu a \iota=$ West Greek $\delta \eta^{\prime} \lambda o \mu a l$, $\delta \epsilon i \lambda o \mu a \iota$, Lesb. Bé $\lambda \phi o \iota$ (gloss), Boeot. Bє $\lambda \phi o i ́=\Delta \epsilon \lambda \phi o i ́$, Thess.
 ( $\gamma$ unexplained), Boeot. ©ıódєıбтos to ${ }^{`}$ Ep $\mu$ ó- $\theta \epsilon \sigma \tau o s, ~ \Theta \epsilon \sigma \tau i \delta a s ~$ ( $\theta \epsilon ́ \sigma \sigma a \sigma \theta a \iota$ ), Lesb. $\phi \eta \eta^{\prime}$ (gloss), Thess. $\pi \epsilon \phi \epsilon \iota \rho^{\prime} \kappa о \nu \tau \epsilon s=\theta \eta \dot{\eta}, \tau \epsilon \theta \eta \rho a-$ кóтes (though this is a case of original $\hat{g} h \underset{\sim}{u}$ not $g{ }_{\mathrm{n}}^{\boldsymbol{u} h}$ ), Boeot. Фєт$\tau a \lambda o ́ s$, whence Thess. $\Pi \epsilon \tau \theta a \lambda{ }^{\prime}$ 's with transposition of the aspiration $(65)=$ Att. $\Theta \epsilon \tau \tau a \lambda$ ós, Ion. etc. ©є $\boldsymbol{\sigma} \sigma a \lambda o ́ s$. Yet some words always have the dental, e.g. $\tau \epsilon, \tau \iota \varsigma, \tau \iota \mu \alpha^{\prime}$, the reason for this being obscure.
2. In Arcado-Cyprian there is evidence that the sound arising before a front vowel was not, as elsewhere, identical with the ordinary dental, but, at least under certain conditions, was a sibilant. Thus Cypr. $\sigma \iota \rho=\tau \iota s$ (no. 19), $\sigma l=\tau \ell$ (Hesych.), and Arc. $\underline{\sigma} \iota \varsigma=\tau \iota \varsigma, \boldsymbol{\epsilon} \boldsymbol{\sigma} \boldsymbol{\sigma} \epsilon=\epsilon \boldsymbol{i} \boldsymbol{\tau} \epsilon$ (for the character transcribed $\underline{\sigma}$, see 4.4) in an early inscription of Mantinea (no. 16), though all other Arcadian inscriptions have the usual tıs etc. Cf. also the glosses $\zeta$ ¢épe$\theta \rho o \nu$ beside $\delta \epsilon ́ \rho \epsilon \theta \rho o \nu=\beta a ́ \rho a \theta \rho o \nu$, and $\zeta$ そé $\lambda \lambda \omega$ beside inscriptional $\delta e ́ \lambda \lambda \omega=\beta \dot{́} \lambda \lambda \omega$, and see note to no. 65 B 2.

Note. The fact that in Arcadian only the one inscription named shows anything but the dental spelling need not indicate that the peculiar pronunciation was locally restricted. It was probably colloquial throughout the dialect, but not usually followed in the spelling, owing to external influence. Cf. El. $\zeta=\delta$ only in the earliest inscriptions (62.2), and see 275.
4. There are some pronominal forms with $\kappa$ in place of the usual $\pi$ or $\tau$. Thus Ion. $\kappa \hat{\omega} \varsigma=\pi \hat{\omega} \varsigma$, $\kappa$ ótepos, etc. (but only in texts of Ionic authors, inscriptions always showing the usual forms),
 in phrases like oṽ $\kappa \omega s$ etc. with regular $\kappa$ after $v$ (above, 1).
a. Puzzling is Thess. $\delta a v u^{2} v a=\delta a ́ \phi \nu \eta ~(c f . ~ a l s o ~ H e s y c h . ~ \delta a v \chi \mu o ́ v . ~ c u ̋ k a v-~$ $\sigma \pi o v ~ \xi u ́ \lambda o v ~ \delta a ́ \phi v \eta s)$. Unless due to contamination with another root (e.g. that
 tion of the $u$ element of the consonant, as in $\lambda$ úкos.
5. A change of $\boldsymbol{\theta}$ to $\phi$, that is, doubtless, of spirant th to $f$, is seen in $\phi \epsilon \hat{\nu} \nu, \phi$ v́ovtes $=\theta \epsilon \hat{\omega} \nu, \theta$ v́ovtes, of an inscription found at Dodona.

## Nasals and Liquids

69. Nasal before consonant. The nasal was always assimilated to the character of the following consonant, but was less distinctly sounded than in the intervocalic position. With this are connected the following facts.
70. The letter $\nu$ is freely used for the guttural and the labial nasal, as well as for the dental, e.g. 'O ${ }^{\prime} \nu \dot{\nu} \pi \iota o s, \dot{a} \nu \phi l, \lambda a \nu \chi \dot{a} \nu \omega$.
71. The nasal is omitted in the spelling, occasionally in all dialects, and regularly in Cyprian and Pamphylian.
72. Complete assimilation to a following mute, though not regular in any dialect, sometimes occurred in careless pronunciation, as shown by occasional, and mostly late, spellings, e.g. Att. $\xi v \beta \beta a ́ \lambda-$ $\lambda \epsilon \sigma \theta a \iota$, Boeot. ' ${ }^{\prime} \lambda \nu \pi \pi{ }^{\prime} \chi \chi \eta \nu$ (late $\kappa o \iota \nu \eta$ in inscription), Delph. "A $\theta a \beta \beta o s$ beside usual " $\mathrm{A} \theta a \mu \beta o s$. From Crete, where in general consonant assimilation is most extensive (86), there are several examples, as $\pi о \pi \pi a ́ \nu=\pi o \mu \pi a \dot{a} \nu, \dot{a} \phi \phi a^{\nu} \omega=\dot{a} \mu \phi \dot{\alpha} \nu \omega$, and the assimilated form was usual in the name of the town Lappa, whose coins show $\Lambda a \pi-$ $\pi a l \omega \nu$. In some cases the dissimilative influence of a preceding nasal was probably a factor, e.g. Delph. á $\nu \epsilon \kappa \kappa \lambda \eta \eta_{\eta} \tau \omega \varsigma=\dot{a} \nu \epsilon \gamma \kappa \lambda \eta \dot{\eta} \tau \omega \varsigma$,
 $\zeta_{\epsilon \epsilon \nu}$ perhaps belongs here rather than under 2, i.e. is to be read ${ }_{\epsilon} \xi \xi \xi a \nu a(\kappa) \kappa \alpha^{\prime}(\delta) \delta \bar{e} \nu$.
73. A special case is Boeot. ếтtarıs (uniformly so spelled) $=$ ${ }_{\epsilon} \boldsymbol{\epsilon} \mu \pi a \sigma \iota \varsigma$. This is from ${ }^{*}{ }^{\epsilon} \mu-\pi \pi \bar{a} \sigma \iota \varsigma$ (cf. $\tau \grave{a} \pi \pi a \dot{\mu} \mu a \tau a, ~ \Theta \iota o ́-\pi \pi a \sigma \tau o s$, $\Gamma \nu v o ́-\pi \pi a \sigma \tau o s)$, the root being $\pi \pi \bar{a}$ - (with $\pi \pi$ from original $k u$, as in $\bar{\imath} \pi \pi o \varsigma)$, which is simplified initially to $\pi \bar{a}$-, as in $\pi \hat{a} \mu a$ etc. (49.5).
a. Assimilation of a nasal to the character of the preceding mute is perhaps to be seen in Coan 'Apíataluvos = 'Apíotaux $\delta a \rho \chi \mu a ́, \delta \rho a \chi \mu \eta$. Cf. Mod.Grk. Пátvos from Пáт $\quad$ оs, $\lambda a \chi$ vós from $\lambda a \chi \mu o ́ s$.
74. Transposition of a liquid, or loss by dissimilation.
75. Transposition within the same syllable. Cret. $\pi 0 \rho \tau i=\pi \rho o \tau i$, 'Aфорঠíтa = 'Aфроסíт $\eta$, also кápтos, $\sigma \tau a \rho \tau o ́ s$, etc. for which see $49.2 a$.
76. Transposition between different syllables. Heracl. т $\rho a ́ \phi o s$, Amorg. $\tau \rho a ́ \phi \eta=\tau a ́ \phi \rho o s, \tau a ́ \phi \rho \eta$, Syrac. $\delta \rho i \phi o s=\delta i ́ \phi \rho o s$ (Hesych.).
 คْóтт $\rho o \nu, \theta$ v́ $\rho \omega \tau o \nu$ from * ${ }^{*} \dot{v} \rho \omega \tau \rho o \nu, \phi a \tau \rho i ́ a=\phi \rho a \tau \rho i ́ a ~ i n ~ v a r i o u s ~$ dialects (Delphi, Cos, Chios, etc.), vice versa фр $\dot{\tau} \boldsymbol{\tau} a \rho \chi$ os at Naples.
77. Cretan $v$ from $\lambda$. In Cretan the $\lambda$ was a deep guttural $l$ closely resembling $u$ (cf. French autre from alter, etc.), and was so written occasionally, e.g. Gortyn. ádevтıaí =áde入фal (but usually $\dot{a} \delta \in \lambda \pi \tau o ̛ ́ s$ etc.), $f \in v \mu e ́ v a s=f \in \lambda \mu e ́ v a s, \kappa a v \chi o ́ s=\chi a \lambda \kappa o ́ s$. There are numerous Cretan glosses in Hesychius with $v=\lambda$, e.g. aủzos $=$

a. Cretan ॰ from $\rho$ in $\mu \mathrm{ci}$ ivos $=\mu$ á $\rho$ тus is without parallel, and must be due to some kind of dissimilation between the two $\rho$ 's of $\mu \rho^{\rho} \rho \tau v \rho-$.
78. $\nu \tau, \nu \theta$, from $\lambda \tau, \lambda \theta$. Several examples of $\nu \tau=\lambda \tau$ are found in Peloponnesian Doric and the Sicilian and Italiot colonies, e.g. Meg., Mess., Heracl., Syrac. $\Phi^{\text {ívt }} \boldsymbol{\nu}$ ( $\Phi$ í $\lambda \tau \omega \nu$ ), Фıvтías, etc., Arg.

 $\theta \epsilon i \nu)$ occurs in Alcman, Epicharmus, Theocritus, and at Corcyra; also in an Arcadian (Lycosura), a late Delphian, and a late Cretan, inscription.

## Double Liquids and Nasals in Lesbian and Thessalian

73. The combinations treated in 74-76, also 77.1, 79, have in part a common history, since they all become double liquids and nasals in Lesbian and Thessalian, but in other dialects a single
liquid or nasal accompanied by lengthening of the preceding vowel (if $\epsilon$ or $o$, to $\epsilon \ell$, $o v$, or $\eta, \omega$, according to the dialect; see 25).
74. $\rho, \nu,+\iota$, when preceded by any other vowel than $a$ or $o$. From * $\phi \theta \epsilon \in \rho_{\imath} \omega$, Lesb. $\phi \theta$ é $\rho \rho \omega$ (gram.), Att. etc. $\phi \theta \in i \rho \omega$, Arc. $\phi \theta \eta{ }_{\eta} \rho \omega$. From ${ }^{*} \kappa \rho i ́ \nu \iota \_\omega, ~ L e s b . ~ \kappa \rho i ́ \nu \nu \omega ~(g r a m),. ~ T h e s s . ~ \kappa \rho e ́ v \nu \omega ~(18), ~ A t t . ~ e t c . ~$ $\kappa \rho t \nu \omega$. From ${ }^{*} \kappa \tau \in ́ v \iota \omega$, Lesb. $\kappa \tau \in ́ \nu \nu \omega$ (gram.), Att. etc. $\kappa \tau \epsilon i ́ \nu \omega$.
a. But if $a$ or o precedes, epenthesis takes place, the result being the
 * $\beta$ ávic.
b. $\lambda_{\rho}$ gives $\lambda \lambda$ in nearly all dialects, e.g. ä $\lambda \lambda$ os (Lat. alius), $\sigma \tau \grave{\jmath} \lambda \lambda \omega$ from
 (beside $\left.\tilde{\partial} \lambda \lambda a, \sigma \tau^{\epsilon} \lambda \lambda \omega\right)$.
75. $\lambda \nu$. From * $\sigma \tau a ́ \lambda \nu \bar{a}$, Lesb., Thess. $\sigma \tau a ́ \lambda \lambda d$, Dor. etc. $\sigma \tau \tilde{a} \lambda \bar{a}$, Att.-Ion. $\sigma \tau \eta{ }^{\prime} \lambda \eta$. From * ${ }^{\prime} \dot{\lambda} \lambda \nu \bar{a}$, * $\beta o ́ \lambda \nu о \mu a \iota ~(* \delta e ́ \lambda \nu о \mu a \iota, ~ * \beta e ́ \lambda \nu o \mu a \iota, ~$ 49.3, 68.2), Lesb. $\beta o ́ \lambda \lambda \bar{a}$, Thess. $\beta \dot{\epsilon} \lambda \lambda о \mu a \iota$, Att.-Ion. $\beta o v \lambda \eta$ ท́, $\beta o u ́ \lambda o \mu a l$, Boeot. $\beta \omega \lambda a ̆ ́, ~ \beta e i \lambda o \mu a \iota, ~ L o c r ., ~ D e l p h . ~ \delta \epsilon i \lambda o \mu a \iota, ~ E l, ~ C o a n, ~ H e r a c l ., ~$

 $\lambda \eta \theta i \omega \nu \tau \iota$. (In these forms the meaning is debar, prevent. Cret. fєu $\mu$ évas $=f \in \lambda \mu e ́ v a s ~ a n d ~ \kappa а т а f є \lambda \mu e ́ v o ̄ ̀ ~ a r e ~ p e r f . ~ p a s s . ~ p a r t i c i p l e s, ~$ like Hom. $\epsilon \in \lambda \mu$ évos from the same root, but meaning assembled.)
a. Forms like ${ }^{\prime \prime} \lambda \lambda_{\nu} \mu$ with $\lambda \lambda$ in all dialects represent a later treatment of $\lambda \nu$ (with $\nu$ restored by analogy of $\delta \in i ́ i v \bar{v} \mu \mu$ etc,).
b. $\beta$ ó̀oبu, from a form without $v$, is Arcado-Cyprian, and occurs also, beside $\beta_{0}$ र̀дomar, in Ionic (Homer and Eretrian).
76. Intervocalic $\sigma+$ liquid or nasal. From ${ }^{*} \chi$ '́ $\sigma \lambda \iota o \iota$ (cf. Skt. sa-hasra-), Lesb., Thess. $\chi$ é $\lambda \lambda \iota o \iota$, Ion. etc. $\chi \in i \lambda \iota o \iota, ~ L a c . ~ \chi \tilde{\eta} \lambda \iota o \iota ~(A t t . ~$ $\chi^{i} \lambda \iota o \iota$ from $\left.{ }^{*} \chi i ́ \sigma \lambda \iota o \iota\right)$. From *'̇ $\sigma \mu i\left(\right.$ Skt. asmi), Lesb. ${ }^{\prime} \mu \mu \iota$, Thess. $\dot{\epsilon} \mu \mu l$, elsewhere $\epsilon \dot{i} \mu \ell$ or $\grave{\eta} \mu i ́(25)$. From *áa $\sigma \mu e ́($ (cf. Skt. asmān), Lesb. ${ }_{a} \mu \mu \epsilon$, Thess. $\dot{a} \mu \mu \epsilon ́$, elsewhere $\dot{a} \mu \epsilon ́$, Att.-Ion. $\dot{\eta} \mu \epsilon ́ a s$. From * $\sigma \epsilon \lambda a \dot{a} \sigma \nu \bar{a}$ ( $\sigma \in \in \lambda a s$ ), Lesb. $\sigma \epsilon \lambda a ́ \nu \nu \bar{a}$, elsewhere $\sigma \epsilon \lambda a ̂ ̀ \nu \bar{a}$, Att.-Ion. $\sigma \epsilon \lambda \eta \eta^{\prime} \nu \eta$.
a. For $\sigma \rho$ cf. Hom. $\tau \rho \eta \rho_{\rho} \omega_{\nu}$ from ${ }^{*} \tau \rho \dot{\rho} \sigma \rho \omega \nu$ ( $\tau \rho \dot{\epsilon} \omega$ from ${ }^{*} \tau \rho \dot{\epsilon} \sigma \omega$ ). But there is no example of Lesb., Thess. $\rho \rho$; and the development was not parallel to that of $\sigma \lambda$ etc., assuming that Lesb. Ipos is from *icpo- (13.1).
$b$. Initial $\sigma \lambda$ etc. became $h \lambda$ etc., later simple $\lambda$ etc. The earlier stage is represented by occasional early spellings with $\lambda h$ etc., e.g. Aegin. $\lambda$ ha$\beta \omega \dot{ }$, Corcyr. phofaĩ $\iota$, Mheikios.

Compounds and augmented or reduplicated forms of such words only rarely show the development proper to intervocalic $\sigma \lambda$ etc., as Att. $\epsilon_{i} \lambda_{\eta} \phi \alpha$ from * $\sigma \epsilon ́ \sigma \lambda \bar{\alpha} \phi a$. Usually this was checked by the analogical influence of the simplex, and the subsequent development was to $\lambda \lambda$ etc., later (under the continued influence of the simplex and of words with original initial $\lambda$ etc.)

 Dor. -eppúa, though here there is considerable variation, especially in com-

77. 1. Original intervocalic $\nu \sigma$. From * $\mu \eta \nu \sigma o{ }^{\prime} s$ (cf. Lat. mēnsis), Lesb. $\mu \hat{\eta} \nu \nu 0 s($ also $\mu \hat{\eta} \nu o s)$, Thess. $\mu \epsilon \iota \nu \nu o ́ s ~(a l s o ~ \mu \epsilon \iota \nu o ́ s), ~ A t t . ~ e t c . ~ \mu \eta \nu o ́ s ~$ (in this word the vowel was already long). From *ékpıvoa, Lesb.



a. The dat. pl. of $v$-stems, as $\pi о \mu \epsilon ́ \sigma \iota$, daí $\rho \sigma \sigma$, is not formed from -evor, -ovol, but from -avt (cf. фpafí Pindar) with substitution of the vowel of the other cases. But in Arc. hecpo $\mu v a \dot{\mu} \boldsymbol{v} \sigma \boldsymbol{\iota}$ the $v$ also is introduced from the other cases, and this secondary $\nu \sigma$ is retained (cf. 3).
2. $\nu \sigma+$ consonant lost its $\nu$ in proethnic Greek without effect on the preceding vowel, e.g. $\kappa \epsilon \sigma \tau o ́ s$ from ${ }^{*} \kappa \epsilon \nu \sigma \tau o ́ s ~(c f . ~ \kappa \epsilon \nu \tau \epsilon ́ \omega), ~ \sigma v-~$

 see no. 53.17, note).
3. Secondary intervocalic $\nu \sigma$, in which $\sigma$ comes from $\tau \iota$, dental + $\sigma$, or $\tau$ before $\iota$, had an entirely different history from that of original $\nu \sigma$, which was changed before the new $\nu \sigma$ came into existence. This $\nu \sigma$ is retained in Cretan (i.e. Central Cretan, cf. 273), Argolic (mainly Argive, cf. 251), Thessalian, and Arcadian, while in other dialects it loses the $\nu$ with lengthening, in Lesbian with diphthongization, of the preceding vowel. Thus from *$\pi a ́ \nu \tau \_a$,

Cret., Arg., Thess., Arc. $\pi a \dot{\nu} \sigma \sigma a$, Att. etc. $\pi \hat{a} \sigma a$, Lesb. $\pi a i ̂ \sigma a$. From ${ }^{*} \mu \dot{o} \nu \tau \iota \_a$, Cret. etc. ${ }^{*} \mu o ́ v \sigma a$ (not yet quotable), Lesb. $\mu 0 i ̂ \sigma a$, elsewhere $\mu 0 \hat{v} \sigma a$ or $\mu \hat{\omega} \sigma a$. From nom. sg. fem. pres. part. $-\nu \tau-\iota \_a$, Cret.
 $\rho \in \sigma \theta e ́ v \sigma a$ (Arc., Arg. examples lacking), Lesb. ế $\chi o \iota \sigma a$, ảp $\mu o ́ \zeta o \iota \sigma a$, $\delta \dot{\alpha} \mu \epsilon \iota \sigma a$, etc., elsewhere -ov $\sigma a$ or $-\omega \sigma a,-\bar{a} \sigma a,-\epsilon \iota \sigma a$. From dat. pl.
 é $\pi a \gamma \gamma \in \dot{\lambda} \lambda \lambda o \nu \sigma \iota$ (Arc. examples lacking; Thess., Lesb. $-\nu \tau \epsilon \sigma \sigma \iota)$, elsewhere $-o v \sigma a$ or $-\omega \sigma a$ etc. From aor. ${ }^{*}$ еै $\sigma \pi \epsilon \nu \delta \sigma a$, Cret. eै $\sigma \pi \epsilon \nu \sigma a$, Att. etc. é $\sigma \pi \epsilon \iota \sigma a$. From 3 pl. - $\nu \tau \iota$ (West Greek $\boldsymbol{\phi} \dot{\rho} \rho о \nu \tau \iota$ etc.), Arc. $\kappa \rho i \nu \omega \nu \sigma \iota, \pi о \ell \epsilon \nu \sigma \iota$, etc., Lesb. è́ $\chi \circ \iota \sigma \iota, \gamma \rho a ́ \phi \omega \iota \sigma \iota, \tau(\theta \epsilon \iota \sigma \iota$, etc. (so also Chian $\lambda \alpha \dot{\beta} \omega \iota \sigma \iota \nu, \pi \rho \eta \eta^{\prime} \neq \iota \sigma \iota \nu$, cf. 184), Att. etc. $\phi \in ́ \rho o v \sigma \iota . ~ O b s e r v e$ that $3 \mathrm{pl} .-\nu \sigma \iota$ is exclusively Arcadian, since this is the only dialect which belongs both to the $\nu \sigma$ and the $\sigma \iota$ from $\tau \iota(61)$ groups.
$a$. In derivatives in $-\sigma \iota$ from verbs in $-\nu \omega$, $\boldsymbol{\nu} \boldsymbol{\sigma}$ is kept in all dialects, e.g. not only Cret. ävaavoıs = ává申avoıs, Epid. älıvбıs, but Att. тpódavoıs, viфavaıs, etc., owing to the influence of the verbs.
78. Final $\nu s$. Since $\nu \rho+$ consonant lost its $\nu$ in proethnic Greek (77.2), the same would be true of final $\nu \boldsymbol{s}$ in close combination with a following word beginning with a consonant. Hence there arose doublets such as 1) before vowel tóvs, távs, 2) before consonants rós, $\tau a ́ s$. Such doublets are found in Cretan, the Gortynian Law-Code still adhering very closely to the original distribution
 But elsewhere the use of one or the other set of forms has ceased to depend at all upon the initial of the following word.

Accusatives in os, -as are the regular forms in Thessalian, Arcadian (so probably Cyprian -os not -ōs), Theran, are frequent in Coan ( - os beside -ovs), and are occasionally found in other Doric dialects and in literary Doric (e.g. frequent in Theocritus). Other dialects have -ovs, -avs, or forms coming therefrom by the same development as that seen in the case of secondary intervocalic $\nu s$ ( $\pi a ́ \nu \sigma a$ etc. 77.3), e.g. Arg. $\begin{gathered}\text { óvs, } \tau a ́ \nu s \text { (for Argolic in general, see }\end{gathered}$ 251), Lesbian tol's, tals, in most dialects toús or tós (25), tấs.

Only Elean, in spite of $\pi \hat{a} \sigma a$, has here a development similar to the Lesbian, yielding -ats and later, with the rhotacism (60.1), $-a \iota \rho,-o \iota \rho$. At the time of the early Elean inscriptions the diphthong was not yet fully developed (pronounced -als, -ols with incipient diphthongs) and we find the spelling -as, oos beside -als, *ocs (there happen to be no o-stem accusatives in those inscriptions which show -als).

Similarly the preposition $\boldsymbol{\epsilon} \nu \boldsymbol{\rho}$ in Cretan (beside more usual és) and Argive (cf. 251), whence cis or ${ }^{\prime}$ 's (note that Lesb. cis has a genuine diphthong, like tois, and so differs from the cis of other dialects).

Cf. also the treatment of final $\nu s$ from $-\nu \tau-\varsigma$, e.g. nom. sg. part.
 $\mu a \kappa \omega \theta \eta^{\prime} s$, Att. etc. $\tau \iota \theta \epsilon i ́ s$, Lesb. $\sigma \tau o i \chi \epsilon \epsilon \varsigma$, Thess. $\epsilon \dot{v} \epsilon \rho \gamma \epsilon \tau \in \in$ ', Arc. hıepo $\theta v \tau$ és, Ther. aipe $\theta$ és.

$$
\lambda \sigma, \rho \sigma
$$

 ế $\tau \tau \eta \lambda a$. From *è $\phi \theta \epsilon \rho \sigma a$, Lesb. *ě $\phi \theta \epsilon \rho \rho a$ (cf. $\tau e ́ \rho \rho a \iota=\tau \epsilon i ̂ \rho a \iota)$, Att. etc. eै $\phi \theta \epsilon \iota \rho a$. From ${ }^{*} \chi \epsilon \rho \sigma$ - (cf. Skt. haras, grip) Lesb. $\chi \in \rho \rho-(\chi$ é $\rho \rho a s$ Theocr.), Att. etc. $\chi \epsilon \iota \rho$-, Epid. $\chi \eta \rho$ - (but see 25 b).
80. But in another set of words $\lambda \sigma$ and $\rho \sigma$ did not have this development, but remained unchanged in most dialects, while in several this $\rho \sigma$ was assimilated to $\rho \rho$. Cf. Hom. ă $\lambda \sigma o s$, кé $\lambda \sigma a \iota$,
 Lac. ă $\rho \sigma \eta s$, Cypr. [ $\left.{ }^{\breve{c}}\right] \kappa \epsilon \rho \sigma \epsilon \nu$, and $\theta \dot{\theta} \rho \sigma \sigma$ os or $\theta \epsilon ́ \rho \sigma o s$ in most dialects (partly in proper names only).

The assimilation to $\rho \rho$ is Attic as ă $\rho \rho \eta \nu, \theta a^{\prime} \rho \rho o s$, etc. (so in the earliest inscriptions; $\rho \sigma$ in early Attic writers is Ionic), West Ionic
 dian as $\phi \theta$ épal (for $\phi \theta$ éf $\rho a \iota$ corresponding to $\phi \theta$ é $\rho \sigma a \iota$, like $\phi \theta$ ép$\sigma a \nu \tau e s$ in Lycophron, not to $\phi \theta \epsilon i \hat{\rho} a \iota$, which would be $\phi \theta \hat{\eta} \rho a \iota$ in Arcadian), á $\rho \rho \in \dot{\nu} \tau \epsilon \rho \circ \nu$ (but also @є $\Theta \sigma i a s$, and maváyo $\rho \sigma \iota s$ for which see below, a), Elean, as fáppevop, $\theta$ áppos, $\theta a \rho \rho e \bar{e} \nu$ (in later

 $\rho \sigma$ is due to кocv $\eta^{\prime}$ influence）．Proper names with $\rho \rho=\rho \sigma$ occur also in Phocian（Delph．©appíкшv，©áppavסpos，Amphiss．©áppvs）， and，beside more usual $\rho \sigma$ ，in Boeotian（e．g．©á $\rho о \psi$ ，but ఆé $\rho \sigma a \nu$－ $\delta \rho o s$ etc．usual）and Megarian（e．g．Xєppías，but $\theta$ á $\rho \sigma o s$ etc．usual）． Cf．also $\kappa \alpha^{\prime} \rho \rho \omega \nu$ from ${ }^{*} \kappa \dot{\alpha} \rho \sigma \sigma \sigma \omega \nu$（Cret．$\left.\kappa \alpha ́ \rho \tau \omega \nu, ~ 81\right), ~ i n ~ A l c m a n, ~$ Epicharmus，and Sophron．
a．Even in dialects which regularly have $\rho \rho, \rho \sigma$ may be retained by analogy，e．g．Att．$\theta_{\eta \rho \sigma i}$ etc．after other datives in $-\sigma \iota$ ，кádapots etc．after other nouns in－aıs．So Arc．maváropass．But even in these words there is sometimes assimilation，as Att．ס́éppıs，W est Ion．ä yappıs．
b．The divergent development of $\lambda \sigma, \rho \sigma$ ，as given in 79 and 80 ，probably depended originally on the accent，the retention of $\lambda \sigma, \rho \sigma$（later $\rho \rho$ ），being normal when they immediately followed the accent．In aorists there would be leveling in both directions，and the development is usually that given in


## $\sigma \sigma, \tau \tau$

81．Att．$\tau \tau=$ Ion．$\sigma \sigma$ comes from $\kappa \iota, \chi_{n}^{\iota}$ ，and（apparently，see 82） from $\tau \iota$, or $\theta \iota$ ，and is chiefly seen in presents like $\phi \cup \lambda a ́ \tau \tau \omega, \phi u-$ $\lambda a ́ \sigma \sigma \omega$（ $\kappa \iota)$ ，кори́тты，корv́ $\sigma \sigma \omega$（ $\theta_{\iota}$ ），in feminines like $\gamma \lambda \hat{\omega} \tau \tau a$ ， $\boldsymbol{\gamma} \lambda \omega \sigma \sigma a\left(\chi_{\imath}\right), \mu e ́ \lambda \iota \tau \tau a, \mu e ́ \lambda \iota \sigma \sigma a(\tau \iota)$ ，and in comparatives like $\eta$ グ $\tau \tau \omega \nu$ ， $\ddot{\eta}^{\sigma} \sigma \omega \omega \nu(\kappa \iota), \kappa \rho \epsilon i \tau \tau \omega \nu, \kappa \rho e ́ \sigma \sigma \omega \nu(\tau \iota)$ ）．$\tau f$ gives the same result，e．g． tétrapes，té́ $\sigma \sigma \in \rho \in s(54 e, 114.4)$ ．Inscriptions show that Attic had $\tau \tau$ from the earliest times，the $\sigma \sigma$ of the early writers being due to Ionic influence．Most of the dialects agree with Ionic，but the Attic $\tau \tau$ is found also in Boeotian（ $\phi \cup \lambda a \dot{\tau} \tau \tau \omega, \theta \dot{a} \lambda a \tau \tau a, \pi$ é $\tau \pi a \rho \epsilon$ ）， Cretan（ ${ }^{\prime} a \tau \tau a=$ Arg．${ }^{\prime} a \sigma \sigma a$ ，$\kappa \dot{\rho} \rho \tau \omega \nu$ from $\left.{ }^{*} \kappa \alpha ́ \rho \tau \tau \omega \nu\right)$ ，and Euboean， at least in Styra，Eretria，Oropus（è $\left.\lambda^{\prime} \tau \tau \omega \nu, \pi \rho \eta ́ \tau \tau \omega, \mathrm{~K} \iota \tau \tau i \eta s\right)$ ．
 is due to кowv＇influence（in kow ${ }^{\eta}$ inscriptions $\sigma \sigma$ is more common than the strictly Attic $\tau \tau$ ）；after these also öбcos for earlier örcos（82）．Some of the late inscriptions have $\theta \theta$ in words of this class，as $\theta a ́ \lambda a \theta \theta a$, ，$u \mathrm{a} \theta \theta a$ ，also for those belonging under 82，as i $\dot{\theta} \theta$ ákcv，for original $\sigma \sigma$ ，as $f$ ére $\theta \theta_{l}$ ，and for $\sigma \tau$ ，as i日白少cs．For $\sigma \theta$ it is earlier（85．3）．
b. Although the Thessalian inscriptions usually have $\sigma \sigma$, there is some evidence that the dialect had $\pi \tau$ originally, or at least in certain localities. Aside from $\theta$ ádarta, $\pi i r r a$, which are quoted as Thessalian, cf. the proper names Kórtuфos, Фaútrios, etc., and especially Пerdalós from Фerralós (65).

$$
\sigma, \sigma \sigma, \tau T
$$

82. $\tau \iota$ and $\theta_{\imath}$ give Att. $\sigma$ not $\tau \tau$, and Ion. $\sigma$ (early $\sigma \sigma$ often in poetry, but never in inscriptions) in ö $\sigma o s$, ótó$\sigma o s$ ( $\tau \iota$ ), $\mu$ é $\sigma o s$ ( ${ }^{*} \mu^{\prime} \theta_{l}$ цоs, cf. Skt. madhyas). A dental $+\sigma$ gives precisely the same result, e.g. éкó $\mu \ell \sigma a$, édíкa $\boldsymbol{\sigma} a$, etc. In all such cases most dialects have $\sigma \sigma$ or $\sigma$ (for $\sigma \sigma$ cf. Lesb., Thess., Delph., El., Heracl., Argol., East Cret. ö $\sigma \sigma o s$, Heracl. $\mu e ́ \sigma \sigma o s, ~ e ̀ \delta a \sigma \sigma a ́ \mu \epsilon \theta a, ~ A r g o l . ~ \delta \iota \kappa a \sigma \sigma e ́ \omega, ~$ ésíкaббav), but Boeotian and Cretan have tт, e.g. Boeot. $\mu$ étтos,
 $\delta \dot{\tau} \tau \tau a \theta \theta a \iota$. In some very early Cretan inscriptions we find $\zeta$, as öऍos, à $\nu \delta a ́ \zeta a \theta a \iota$.

Note. This is to be recognized as the normal development of $\tau \iota$ and $\theta_{2}$. The different result seen in the classes of words mentioned in 81 is due to the influence of the forms containing gutturals. After a consonant in gives $\sigma$ in all dialects; e.g. $\pi a ́ v \sigma a, \pi \hat{a} \sigma a$, from * $\pi a ́ v \tau \underset{\alpha}{ } \alpha$.

## Original $\boldsymbol{\sigma} \sigma$

83. Original $\sigma \sigma$, which becomes $\sigma$ in Attic (évé̀ $\epsilon \sigma \sigma a, \gamma \in ́ u \epsilon \sigma \iota$ ), is retained, as in Homer etc., in several dialects (cf. ö $\sigma \sigma o s$ etc., 82),

 (143), dat. pl. Lesb., Thess., Boeot., Delph., El. $-\epsilon \sigma \sigma \iota$, Heracl -a $\sigma \sigma \iota$ (107.3). For late Cret. fé́ $\epsilon \theta \theta \iota$ etc., see $81 a$.

$$
\zeta, \delta \delta .
$$

84. Attic-Ionic $\zeta$, which was pronounced $z d$ and comes from $z d$
 ( $\mu \epsilon / \zeta \omega \nu, \mu e ́ \zeta \omega \nu)$ or $\delta_{n}(\pi \epsilon \zeta o ́ s)$, is also $\zeta$ in the majority of other dialects. Lesb. $\sigma \delta$, found in our literary texts and in a few late inscriptions, is only another spelling of the same sound, adopted perhaps because $\zeta$ was used with the value of $z$ in $\zeta a^{\prime}=\delta \iota a ́$, etc. (19.1).

But assimilation to $\delta \delta$, initial $\delta$, is Boeotian, Thessalian, Elean, Cretan, Laconian, and Megarian (?). Boeot. y $\rho a \mu \mu a \tau i \delta \delta \omega, \psi a \phi i \delta \delta \omega$,
 $\kappa \alpha^{\prime}(\delta) \delta^{-} \nu$ (no. 33 ; the only example, so possibly $\delta \delta$ only in Thessaliotis, but there is no evidence against its being general Thessalian). El. $\delta \iota \kappa a ́(\delta) \delta \omega, \chi \rho a{ }^{\prime}(\delta) \delta \omega$, Cret. $\delta \iota \kappa a ́ \delta \delta \omega, \psi a \phi i \delta \delta \omega, \epsilon \in \rho \gamma a ́ \delta \delta o \mu a \iota, \phi \rho o \nu-$ $\tau i \delta \delta \omega \omega$, $\delta \dot{\omega} \omega$, $\delta \omega o ́ s, \delta \nu \gamma o ́ v, \Delta \hat{\eta} \nu a$ (Z $\hat{\eta} \nu a)$, Lac. $\gamma \nu \mu \nu a ́ \delta \delta o \mu a \iota$ etc. in Ar. Lys., $\mu \iota \kappa \kappa \iota \chi \iota \delta \delta o ́ \mu \varepsilon \nu 0 s$, ò $\pi \iota(\delta) \delta o ́[\mu \in \nu 0 \varsigma]$, $\Delta \in u ́ s$ in inscriptions. $\Delta \in u ́ s$ occurs also on a vase from Rhodes, and is perhaps genuine Rhodian. Cf. the occasional assimilation of $\sigma \delta$ in external combination in Rhodian, 97.4. Meg. $\delta \delta$ is doubtful (Ar. Ach. $\mu \hat{a} \delta \delta a, \chi \rho \eta \eta^{\prime} \delta \delta \omega$, but only $\zeta$ in inscriptions).

In Cretan and Elean the spelling $\tau \tau$ is also found, as Cret. $\phi \rho o \nu-$ $\tau i \tau \pi \omega, \epsilon \dot{\epsilon} \sigma \pi \rho \epsilon \mu \mu i \tau \tau \omega(\dot{\epsilon} \kappa \pi \rho \epsilon \epsilon \nu \grave{\zeta} \omega), \mathrm{T} \tau \hat{\eta} \nu a, \mathrm{~T} \hat{\eta} \nu a(\mathrm{Z} \hat{\eta} \nu a), \mathrm{El} . \nu 0 \sigma \tau i \tau \tau \omega$

a. There is some interchange between presents in $-\sigma \sigma \omega$ or $-\tau \tau \omega$ and those in $-\xi \omega$ or $-\delta \delta \omega$, owing to the identity of their future and aorist forms. Thus



## $\sigma \theta$

85. 86. $\sigma \tau=\sigma \theta$. The use of $\sigma \tau$ for $\sigma \theta$ (see 63) is mainly characteristic of Northwest Greek. It is the regular spelling in Locrian,
 occurs with some frequency in Phocian, as Delph. $\pi \rho o o_{\sigma} \sigma a, h i \lambda a \xi \dot{c}$ $\sigma \tau o ̄$, later $\gamma \iota \nu e ́ \sigma \tau \omega$ etc., Stir. $\theta$ é $\sigma \tau \omega \nu$, ảmoто入ıтєúбa $\sigma \tau a \iota$. It occurs
 $\sigma \tau \eta$ etc.), where it is perhaps due to Aetolian influence, and twice in Thessalian ( $\pi \epsilon \pi \epsilon i \sigma \tau \epsilon \iota \nu$, é $\lambda \epsilon \in \sigma \tau \epsilon \iota \nu$, Larissa). But there are some early examples in other dialects, as Cret. $\mu \iota \sigma \tau o ́ s(V a x o s), ~ L a c . ~ a ̀ m o-~$ $\sigma \tau \rho v \theta \hat{\tilde{e}} \sigma \tau a l, \chi \rho \hat{\eta} \sigma \tau a l$, and in late times it is found in many parts of Greece, even at Athens.
1. $\sigma \sigma=\sigma \theta$. This is found in late. Elean, as àmoठó $\sigma \sigma a \iota$ (no. 60), то॰ท́aббаィ (no. 61).
2. $\boldsymbol{\theta \theta}=\sigma \boldsymbol{\theta}$. This is usual at Gortyna and some of the other cities of central Crete, as $\lambda \hat{v}^{\sigma} \sigma \theta \theta a l, \delta a \tau \hat{e} \theta \theta a l, \tau \rho a ́ \phi \epsilon(\theta) \theta a l$, etc. (also, rarely, $\tau \theta$, e.g. $\delta e ́ \kappa \epsilon \tau \theta a \iota)$. But $\sigma \theta$ is found in most of the very earliest inscriptions, and in the latest (here coıv' influence).

## Assimilation, Dissimilation, and Transposition of Consonants

86. Assimilation in consonant groups. Many of the changes belonging under this head have been given already, e.g. under 55 , 69, 74-77, 79, 80, 84, 85. See also under external combination, 96100. No notice is taken of assimilation which is common to all dialects and presumably proethnic, as $\delta \lambda$ to $\lambda \lambda$, etc.

This class of phenomena is one in which the difference between colloquial and careful speech is most noticeable, as may readily be observed in English. While some assimilations are so uniformly effected that the unassimilated form is completely displaced and forgotten, others remain colloquial only, the unassimilated form being still preferred in careful speech and writing. This accounts for much of the lack of uniformity in the evidence as regards some of the changes mentioned in this and the other sections. In some cases the spelling varies greatly even in the dialects where the change is best attested. Sometimes the assimilation is uniform in certain dialects, but evidently existed colloquially in others also and only sporadically made its appearance in the spelling.

 Cumae.
2. $\pi \tau$ to $\tau \tau$ in Cretan and Thessalian. Cret. évpartaı $=$ yérpa-
入la९Хoı, à $\rho \chi \iota \tau \tau 0 \lambda \iota a \rho \chi$ évтos ( $\pi \tau o \dot{\lambda} \iota \varsigma, 67$ ), also à $\tau$ тâs etc. in external

3. $\sigma \boldsymbol{\gamma}$ to $\boldsymbol{\gamma \gamma}(\gamma)$ in Cretan. $\pi \rho \epsilon \hat{i} \gamma v s$ probably from $\pi \rho \epsilon \hat{\sigma} \sigma \gamma v s$ (Boeot. $\pi \rho \iota \sigma \gamma \in i ̂ \epsilon \varsigma, 68.1$ ), $\pi \rho \epsilon \iota \gamma \epsilon \cup \tau a ́ s, \pi \rho \epsilon \grave{\prime} \omega \nu, \pi \rho \epsilon i ́ \gamma \iota \sigma \tau 0 \varsigma$, late $\pi \rho \eta^{\prime}-$ $\boldsymbol{\gamma} \iota \sigma \tau o s(\pi \rho \eta \gamma \iota \sigma \tau \epsilon v \in \omega$ also Coan). A parallel change of $\sigma \kappa$ to $\kappa \kappa$ is seen in Laconian glosses, as кабіккор $=\kappa а \delta i ́ \sigma к о$.
a. Note that the forms cited, as also Thess. трeiv阝cía, are formed from , $\pi \rho e c \sigma-$ (cf. also Cret. $\pi \rho e^{i v}$ beside $\left.\pi \rho i v\right)$, not $\pi \rho \epsilon \sigma-$ as in Att.-Ion., Lesb.

4. $\sigma \tau$ to $\tau \tau$ in Cretan, Laconian, and Boeotian. Cret. $\mu$ étr' és beside $\mu e ́ \sigma \tau a$, Lac. $\beta \epsilon \tau \tau o ́ v, ~ d r e s s,={ }^{*} f \in \sigma \tau o ́ \nu$ (Etym. Magn.), Boeot.
 cases $\sigma \tau$ remains in the spelling of inscriptions.
5. $\rho \nu$ to $\nu \nu$ in Cretan. á $\nu \nu$ loıto $=a \dot{a} \rho \nu$ éoıto, ô $\nu \nu \iota \theta a=$ ö $\rho \nu \iota \theta a$, 'Eגev$\theta \in \nu \nu a i ̂ o s={ }^{\prime} E \lambda \varepsilon u \theta_{\epsilon} \rho \nu a i ̂ o s . ~$
6. $\mu \nu$ to $\mu \mu$ in Cretan. $\dot{\epsilon} \sigma \pi \rho \epsilon \mu \mu i \tau \tau \omega=\dot{e} \kappa \pi \rho \epsilon \mu \nu$ i $\zeta \omega$.
7. $\gamma \nu$ to $\nu$. $\gamma$ lyvo $\mu a \iota$ appears as $\gamma(\nu 0 \mu a \iota$ in most dialects except Attic (here also, but late), or as fivvual (Thess., Boeot.). $\gamma \iota \nu \omega$, $\sigma \kappa \omega=\gamma \iota \gamma \nu \omega \sigma \kappa \omega$ occurs in Lesbian and in Ionic prose writers (Att. $\boldsymbol{\gamma} \epsilon \nu \omega \sigma \kappa \omega \omega$ very late), and in some late. Doric inscriptions. This is not really assimilation, but loss of $\gamma$ by dissimilation from the initial $\gamma$, supported, in the case of $\gamma(\nu o \mu a \iota$, by the $\gamma \in \nu$ of other tenses.
87. Transposition in consonant groups. As $\tau i \kappa \tau \omega$ from * $\tau i \tau \kappa \omega$, so probably $\delta a ́ \kappa \tau v \lambda o s ~ f r o m ~ * \delta a ́ t к v \lambda o s, ~ t o ~ w h i c h ~ p o i n t s ~ B o e o t . ~$ סaккú入los (кк from $\tau \kappa$ as in Thess. $\pi \grave{\kappa} \kappa \kappa i ́$ from $\pi \grave{o} \tau \kappa l$, whereas $\kappa \kappa$ from $\kappa \tau$ would be contrary to all analogy, cf. 86.1). But most examples are of colloquial and transitory character, more or less frequently repeated slips of the tongue, or sometimes, without doubt, only graphic. Thus from Attic inscriptions $\sigma \chi \nu \nu a \rho \chi \delta \nu \tau \omega \nu=$
 $=$ eै' $\gamma \rho a \psi \epsilon \nu$ (often on vases), $\mu \epsilon \sigma \delta \partial \nu \eta=\mu \in \sigma \delta \delta \mu \eta$ ( $\delta \mu$ first to $\nu \mu$ by assimilation).
88. Assimilation, dissimilation, and transposition, between noncontiguous consonants. Except for the regular dissimilation of aspirates in proethnic Greek (65), these phenomena are of the same occasional character as the preceding (87). They are most frequently observable in the case of aspirates, or of liquids, for which see 65, 70. A nasal may interchange with a mute of its own class, by assimilation or dissimilation with another nasal, e.g. Cret. $\nu$ v́va$\mu a \iota=\delta v ́ v a \mu a \iota$ (cf. Mod.Grk. Mevté $\lambda \eta$ beside $\Pi \epsilon \nu \tau e ́ \lambda \eta$, name of
the monastery on Mt．Pentelicus），or，vice versa，Att．тé $\rho \beta \iota \nu \theta$ os beside тép $\mu \iota \nu$ Oos，Att．кvßє $\boldsymbol{\nu}$ á $\omega$ from ${ }^{*} \kappa \nu \mu \epsilon \rho \nu a ́ \omega$ beside Cypr．$\kappa u$－ $\mu \epsilon \rho \overline{\bar{\nu}} \nu a \iota$ ，and $\beta a ́ \rho \nu a \mu a \iota=\mu a ́ \rho \nu a \mu a \iota$ ，which occurs in certain inscrip－ tions in epic style from Athens，Corcyra，etc．（nos．88，90）．See also 69．3，end，and 86．7．Among examples of transposition may be mentioned Ion．$\dot{a} \mu \iota \theta \rho \dot{́} \omega=\dot{a} \rho \iota \theta \mu \dot{e} \omega$, Delph．，Epid．$\beta o ́ \lambda \iota \mu o s=\mu \dot{o} \lambda l-$ Bos（Att．usually $\left.\mu \rho^{\prime} \lambda \nu \beta \delta o s\right)$ ，also，with assimilation，Rhod．$\beta o{ }^{\prime} \lambda \iota-$ $\beta o s(\pi \epsilon \rho \iota \beta o \lambda \iota \beta \hat{\omega} \sigma a \iota)$ ．
a．A few dialectic examples of haplology，or syllabic loss by dissimila－ tion，may be added here．Epid．hē $\mu^{\prime} \delta \mu \mu \nu o v$ from $\eta_{\eta}^{\mu}(\mu \epsilon ́) \delta \mu \nu o v$ ，as Att．$\eta_{\mu} \epsilon^{\prime}-$ $\delta \mu \nu \vee v$ from $\dot{\eta}(\mu) \mu \in ́ \delta \mu \nu \nu o v$ ．Cret．veóras，body of young men，gen．véóras from עєóra（то）s，acc．vєóta from vєórata．

## Doubling of Consonants

89．A single consonant is sometimes written double，this indi－ cating a syllabic division by which it was heard at the end of one syllable and the beginning of the next．

1．$\sigma \sigma \tau, \sigma \sigma \kappa$ etc．Such spellings as ăpıб⿱亠䒑os，ö $\sigma \sigma \tau \iota s, \gamma \rho a ́ \psi a \sigma-$ $\sigma \theta a \iota$, ＇A $\sigma \sigma \kappa \lambda \eta{ }_{\eta} \pi \iota o s, \kappa \delta \delta \sigma \sigma \mu o s$, are frequent，and not confined to any particular dialect．For examples in external combination，see 101．2．Similarly $\sigma \zeta(=z-z d)$ and $\xi \xi(=k s-s)$ ，e．g．Arg．$\delta \iota \kappa a ́ \sigma \zeta \omega$ ， Delph．$\delta o u \lambda i \sigma \zeta \omega$ ，Locr．$\psi \dot{\alpha} \phi \iota \xi \xi \iota s$, Boeot．$\Delta \epsilon \xi \xi i \pi \pi a$ ，Thess．$\epsilon \in \xi \xi a-$ $\nu a \kappa \alpha ́(\delta) \delta \bar{e} \nu$ ．

2．Before consonantal $\iota$ in Thessalian，as $\pi \delta^{\prime} \lambda \lambda \iota o s$ etc．See 19．3．
3．Between vowels．This is confined to continuous sounds， especially liquids and nasals，mostly after a long vowel or diph－ thong．Thess．$\mu \nu a \mu \mu \epsilon i ̂ \nu, \Delta a \mu \mu a ́ \tau \rho \epsilon \iota o \varsigma, ~ L e s b . ~ \pi \rho о a \gamma \rho \eta \mu \mu e ́ v \omega, ~ R h o d . ~$
 $\Theta \in \lambda \pi o u ́ \sigma \sigma \iota o \varsigma, \mathrm{El} . \dot{a} \nu \tau a \pi o \delta \iota \delta \omega \hat{\sigma} \sigma a$ ，Cret．$\sigma \pi \sigma_{\mathrm{F}} \delta \delta \alpha_{\nu}^{\nu}$（spirant $\delta$ ）．Cf． also 101．1．Delph．，Cret．$\dot{a} \mu \phi \iota \lambda \lambda$ éz $\omega$ is from $\dot{a} \mu \phi \iota \sigma-\lambda$ é $\omega \omega$ ，though Meg．à $\mu \phi e ́ \lambda \lambda \epsilon \gamma \sigma \nu$ shows that it was felt as $\dot{a} \mu \phi \iota-\lambda \lambda e ́ \gamma \omega$ ．

4．Epid．$\mu e ́ \delta \iota \mu \mu \nu o \nu, ~ h e ̄ \mu(\delta \iota \mu \mu \nu o \nu, i a \rho o \mu \mu \nu a ́ \mu o \nu \epsilon s$（no．83）．Cret． $\dot{a} \lambda \lambda \alpha^{\prime} \tau \tau \rho \iota o s$, Arg．$\left.\pi e^{\prime}\right\rceil \tau \rho \iota \nu o \nu$（cf．Osc，alttram etc．，frattre etc．in Latin inscriptions）．
5. In hypocoristic proper names, where it originates in the vocative and is due to the emphatic utterance in calling. Examples, though found elsewhere, are by far most frequent in Boeotian, e.g. 'Aya日全, Bíotтos, Mévขєı, etc.

## CHANGES IN EXTERNAL COMBINATION ${ }^{1}$

90. The phenomena of external combination, or sentence phonetics, such as elision, crasis, consonant assimilation, etc., are found in all dialects. But in Greek, as in most other languages, there is a tendency to limit more and more the scope of such changes, and to prefer, in formal speech and its written form, the uncombined forms. The inscriptions, Attic as well as those of other dialects, differ greatly in this respect according to their time and character. The following general observations may be made.
91. The changes occur mainly between words standing in close logical relation. Thus oftenest in prepositional phrases, or between the article, adjective, or particle and the noun with which it agrees; frequêntly between particles like $\kappa a l$, $\delta e ́, \mu e ́ v$, etc. and the preceding or following word ; less often between the subject or object and the following verb, and very rarely in looser combinations.
92. While the less radical changes, such as the elision of a short vowel or the simpler forms of consonant assimilation, are least restricted in scope and survive the longest, the more violent forms of crasis and of consonant assimilation are the most infrequent and the soonest given up. Thus, in the matter of consonant assimilation, the partial assimilation of a nasal to a following mute, especially a labial, as in $\tau \dot{d} \mu \pi \dot{o} \lambda \iota \nu$, is very common in all dialects down to a late period and sometimes observed even in loose combinations (cf. 96.1), but examples like $\tau \grave{\lambda} \lambda \boldsymbol{\lambda o ́ y o \nu}, \tau o ̀ ̀ \nu \nu o ́ \mu o v s, ~ e t c . ~ a r e ~ c o m p a r a-~$ tively infrequent and practically restricted to early inscriptions.

[^12]3. Although the dialects differ in the extent to which they exhibit these phenomena and in some details (e.g. Cretan shows the most extensive and radical series of consonant assimilations), the differences depend more upon the time and character of the inscription, the degree to which the language has been formalized.
4. There is no consistency in the spelling, even as regards the milder changes, combined and uncombined forms often standing side by side in the same inscription.

## Elision

91. Elision is common to all dialects, but, as in Attic, subject to great inconsistency as regards the written form, which even in metrical inscriptions is very often not in accord with the demands of the meter. In general elision is most frequent in the conjunctions and particles such as $\delta \epsilon^{\prime}\left(o ̈ \delta \epsilon\right.$, ovं $\delta e^{\prime}$, etc.), $\tau \epsilon, \kappa a, \dot{a} \lambda \lambda a^{\prime}$, etc., the prepositions, and, among case-forms, in stereotyped phrases like $\pi o ́ \lambda \lambda \lambda^{\prime}$ áya日á etc. The elision of a dipththong, e.g. Locr. $\delta \in i-$ $\lambda \bar{e} \tau^{\prime} \dot{a} \nu \chi \bar{o} \rho \in i ̂ \nu$, is comparatively rare. For elision in place of usual crasis, see 94.

## Aphaeresis

92. Examples of aphaeresis, which is only a form of crasis, are rare. Ion. $\hat{\eta}$ 's, $\mu \grave{\eta}{ }^{\prime} \lambda a ́ \sigma \sigma o \nu \epsilon s ~(C h i o s, ~ n o . ~ 4), ~ L o c r . ~ \hat{e ̀ ~ ' ~} \delta \in \lambda \phi \iota o ̛ \nu, ~ \hat{e}$
 Lesb. $\sigma[\tau a ́ \lambda \lambda] a{ }^{\prime} \pi \iota$.

## Shortening of a Final Long Vowel

93. The shortening of a final long vowel before an initial vowel, so well known in poetry, is occasionally seen in inscriptions, e.g.



## Crasis

94. Crasis, mostly of $\kappa a l$ or forms of the article with the following word, is found in the early inscriptions of all dialects,
though the uncombined forms are more frequent. As between the "phonetic principle," where the result of crasis is in accordance with the regular laws of contraction, and the "etymological principle," with lengthening of the second vowel as in Att. áavíp $=$ $\dot{\delta} \dot{a} \nu \eta \eta_{\rho}$, the former is almost, if not wholly, predominant outside of Attic.



 $\lambda \omega \nu \iota)$, Boeot. тò̀ $\pi о \lambda \lambda \bar{o} \nu \iota ~(\tau o \hat{\imath} ~ ' A \pi \delta \lambda \lambda \omega \nu \iota), ~ C o r i n t h . ~ \tau o ̀ ̀ \pi \epsilon(\lambda) \lambda \bar{o} \nu \iota$
 $\delta a \mu \varepsilon$ ), and so regularly in literary Doric. Elision, rather than crasis according to the " etymological principle," is probably to be assumed

 $\left.{ }^{\prime} \mathrm{A} \rho \gamma \epsilon \mathrm{lov}\right)$, Cypr. $\tau \dot{a}(\mu) \phi \iota \delta \epsilon \xi\left(\bar{o} \iota\left(\tau \hat{\varphi}{ }^{\prime} \mathrm{A} \mu \phi \iota \delta \epsilon \xi(\varphi)\right.\right.$.


95. $a+o$ (cf. 41.2). Att., Dor. $\chi \omega$ ( $\kappa a l$ ó), Ion., Cret. $\kappa \omega$ ( $\kappa a l$ ỏ),

 $\hat{e}^{\boldsymbol{e}} \boldsymbol{\kappa}$ ) in Theocritus.
96. $\bar{a}+o$ (cf. 41.4). Meg. $\bar{a} \lambda \nu \nu \pi t a a^{\prime}\left(\frac{a}{a}{ }^{\prime} O \lambda \nu \nu \pi \iota a ́ s\right)$.
97. $\bar{a}+\epsilon$ (cf. 41.3). Locr. häтıfoıкіа (


 $\kappa \kappa_{\bar{e}} \mu \epsilon^{\prime}\left(\kappa a l{ }^{e} \mu \mu^{\prime}\right)$ in an early inscription, though the texts of the Aeolic poets have mostly $\kappa \bar{\alpha}-(\kappa \dot{a} \mu o s$ etc.); and Arcadian has $\kappa \overline{e ̂} \pi i$ í.

[^13]7. With words beginning with a diphthong. Inscriptions sometimes show the regular crasis with $\epsilon \dot{u}$-, as Delph. $\kappa \eta \nu v_{\kappa} \kappa \lambda \epsilon \iota a$ ( $\kappa a i$
 unchanged, that is, what is probably elision rather than crasis, e.g.
 Oivoтí̊ךऽ), Delph. койтє (кal oṽтє). Similarly коủ, койтє, etc. in Attic and Ionic literature (also $\chi o i=\kappa a i$ oi, and $\kappa \epsilon \dot{U}=\kappa a l \epsilon \dot{-}$-), and in Theocritus. Forms like wúvós (ó au̇oós) in Herodotus and
 in.Epicharmus, are rarely attested in inscriptions (once Ion. wi८vu$\mu \nu \dot{\eta} \tau \eta \varsigma=\dot{o}$ aiov $\mu \nu \dot{\eta} \tau \eta \varsigma)$. But the proper transcription of forms in the pre-Ionic alphabet is sometimes uncertain, e.g. Thess. $\kappa \boldsymbol{\epsilon} \dot{v}{ }_{f} \in \rho$ -


8. With words beginning with $\iota$ or $v$. Cret. $\kappa v i e ́ \epsilon \in s(\kappa a i ̀ v i e ́ e s), ~$


In such cases there is of course no evidence as to whether the $v$ or $\iota$ was lengthened, as usually in Attic-Ionic, but probably we have here simply elision.
9. In Elean in the forms of the article the final vowel or diphthong disappears, sometimes even the vowel with final consonant.


 but an extension of the principle of elision. ${ }^{1}$ Cf. $\theta v i \hat{\omega} \iota ~(\tau \hat{\omega} \iota ~ v i \hat{\omega} \iota)$ in an Attic inscription. Once El. toî 'עtaût' érpa aphaeresis.

## Apocope

95. Apocope of prepositions is almost unknown in Attic-Ionic inscriptions, but is usual in other dialects for at least some of the prepositions. All of them have $\dot{a} \nu(o r o j \nu, \dot{\nu} \nu)$ and $\pi a \dot{a} \rho$ (even Ionic has $\dot{a} \nu$ in literature and a few cases of $\pi \dot{a} \dot{\rho}$ in inscriptions). кát
and $\pi \boldsymbol{o}^{\prime} \tau$ are found in nearly all the West Greek dialects (but not in Cretan, and rarely in Argolic), and in Boeotian and Thessalian. But these are mostly confined to the position before dentals, especially forms of the article. Before other consonants they occur, with assimilation, in Thessalian and sometimes in Boeotian and Laconian; $\kappa \alpha{ }^{\prime} \tau$ also in Lesbian and Arcado-Cyprian (in Arcadian $\kappa \alpha ́$ before all consonants in early inscriptions, later only before the article, otherwise кavú formed after ámúv. $\pi$ ép occurs in Delphian (cf. also $\pi \epsilon ́ \rho o \delta o s=\pi \epsilon \rho i o \delta o s$ ), Elean ( $\pi \dot{a} \rho$ ), and Thessalian; also in Lesbian (Alcaeus), and in a few proper names in Locrian (ПeppoOapıâ $)$, Cretan, and Laconian. $\dot{a} \pi, \dot{\epsilon} \pi$, $\dot{\mathbf{i}} \pi$ are Thessalian only, except for two examples of $\dot{\epsilon} \pi$ in Boeotian before $\pi$. An apocopated form of $\pi \epsilon \delta a^{\prime}$ is seen in Arc. $\pi \epsilon ̀ \tau o i ̂ s ~ i . e . ~ \pi e ̀ ̀(\delta) ~ \tau o i ̂ s . ~$

Apocope is most extensive in Thessalian, which has $\dot{a} \nu, \pi \alpha \dot{\alpha} \rho, \kappa \alpha^{\prime} \tau$, $\pi \dot{o} \tau, \pi \dot{\epsilon} \rho, \dot{a} \pi, \dot{\epsilon} \pi, \dot{\dot{v}} \pi$. The Thessalian genitive singular in -oc is also best explained as arising from -oto by apocope, beginning with the article, which was, of course, proclitic like the prepositions (cf. 45.4).

Apocopated forms are more common in early inscriptions than later, when there is a tendency, partly due to кoc $\nu \dot{\eta}$ influence, to employ the full forms.
 early inscriptions where double consonants are not written, but also in the later inscriptions of some dialects. For the most part the matter is one of spelling only, but in some cases such forms represent the actual pronunciation, due in part to actual simplification of the double consonants, in part to syllabic dissimilation or haplology, as in later Attic кaтáde from кa( $(\mathrm{a})$ ráde. So in Arcadian the spelling is almost uniformly ка (early катôvv, какрі̀é, etc., later кала́тєр, какєні́̀vav). In doubtful cases it is better to expand the forms to кà $(\tau)$ tóv etc. in our texts, if only for the convenience of the student.

## Consonant Assimilation

96. Assimilation of final $\nu$.
97. To the class of a following labial or guttural. Cases like тŋे $\mu$ $\pi o ̀ \lambda \iota \nu, \tau o ̀ \gamma ~ \kappa \eta ́ \rho v \kappa a, \nu \hat{v} \mu \mu e ́ v$, are frequent in Attic inscriptions, and likewise in the other dialects. So also between object and verb as
 tions as Att. $\dot{\epsilon} \sigma \tau i \mu \pi \epsilon \rho l$, Arc. ìv $\grave{\epsilon} \pi i \kappa \rho \iota \sigma \iota \gamma \kappa a \tau \dot{a} \pi \epsilon \rho$, Arg. $\pi о \iota o i ̂ \epsilon \gamma$ катá.

 бí $\eta \iota$ beside $\pi a \nu \sigma v \delta i ́ \eta \iota$, and Lesb. $\pi a \sigma \sigma v \delta \iota a ́ \sigma a \nu t o s . ~$

Before $\sigma+$ consonant. Att. $\dot{\epsilon} \sigma \sigma \tau \boldsymbol{\eta} \lambda \eta \iota$ but oftener $\boldsymbol{\epsilon} \sigma \tau \boldsymbol{\eta} \lambda \eta \iota$, also
 arise by assimilation but by regular loss of $\nu$. See 77.2, 78.
3. To $\lambda$. Att. é $\lambda$ 入l $\mu \nu a \iota s, ~ \tau \grave{̀} \lambda ~ \lambda o ́ y o \nu, ~ I o n . ~ e ̀ \lambda ~ \Lambda a \rho v \sigma \sigma \hat{\omega} \iota, ~ D e l p h . ~$
 Cf. $\sigma v \lambda \lambda e ́ \gamma \omega, \dot{a} \lambda \lambda v ́ \omega=\dot{a} \nu a \lambda v ́ \omega$, etc.

a. In Cyprian, where $\boldsymbol{v}$ before a consonant is always omitted in the interior of a word, it is also frequently omitted in sentence combination as $\tau \grave{\alpha}(\nu) \pi \tau o ́ \lambda \iota \nu$.
97. Assimilation of final s.

- 1. To $\nu$. Delph. тov̀̀ עó $\mu o v s . ~ C f . ~ \Pi e \lambda o \pi o ́ \nu \nu \eta \sigma o s ~(\Pi e ́ \lambda o \pi o s ~$ $\nu \hat{\eta} \sigma o s)$.

2. To $\mu$ and $f$. Cypr. féto( $\mu$ ) $\mu$ éra $=$ fémos $\mu$ éra, $\tau \hat{a}(f)$ fa$\nu \dot{a} \sigma(\sigma) a s=\tau a ̂ s ~ f a \nu a ́ \sigma \sigma a s$. In the same way arose $\kappa a^{\prime}=\kappa a ́ s(\kappa a i)$ in Cypr. кdे $\mu$ év, Arc. кd̀ foıкías.
 Lac. $\grave{\epsilon} \lambda \Lambda a \kappa \in \delta a l \mu o \nu a(\dot{\epsilon} \lambda=\dot{\epsilon} \varsigma)$, тoî( $\lambda$ ) $\Lambda a \kappa \in \delta a \iota \mu o \nu l o \iota s$.
3. To $\delta$. So regularly in Cretan, e.g. tâ $\delta \delta a i ́ \sigma \iota o s, \tau a ̂ \delta ~ \delta e ́, ~ e ́ \delta ~ \delta \iota-~$ $\kappa a \sigma \tau e ́ \rho \iota o \nu, \pi a \tau \rho o ̀ \delta ~ \delta o ́ \nu \tau o s . ~ R a r e l y ~ e l s e w h e r e, ~ b u t ~ c f . ~ R h o d . ~ Z ~ © ~ v ̀ ~(\delta) ~$ $\delta e ́($ no. 93), $\mu a \tau \rho o ̀(\delta) ~ \delta e ́, ~ \tau a ̀ ~(\delta) ~ \delta e v t e ́ \rho a s . ~ A s s i m i l a t i o n ~ i n ~ t h e ~ o p p o-~$

4. To $\theta$. Cretan only, as тà $\theta$ $\theta v \gamma a \tau \epsilon ́ \rho a s . ~ C f . ~ C r e t . ~ \theta \theta=\sigma \theta ~$ medially (85.3).
a. Before a word beginning with a vowel final s may be treated as intervo-


5. Assimilation of final $\rho$ to $\delta$. So regularly in Cretan, e.g. $\dot{a} \nu \bar{e} \delta$
 $\tau \rho a(\pi d ̀ \rho \Delta \dot{a} \mu a \tau \rho a)$.
6. Assimilation of a final mute.
7. Final $\tau$. The apocopated forms of $\kappa a \tau \alpha$ and $\pi o \tau \ell$, so far as they occur otherwise than before $\tau$ (cf. 95), are.generally assimilated (sometimes with further simplification ; cf. $95 a$ ), e.g. Thess.

 in compounds, e.g. El. $\kappa a(\delta) \delta a \lambda \epsilon ́ \sigma \iota \tau о, \kappa a(\theta) \theta \nu \tau a ́ s$, Lesb. $\kappa \alpha ́ \beta \beta a \lambda \lambda \epsilon$
 $\tau a \beta \dot{a} \tau о \nu), \kappa a \beta a i \nu \omega \nu($ Alcman), etc. But $\tau \theta$ is often unassimilated.
8. Final $\pi$. Thess. $\dot{a} \pi, \dot{\epsilon} \pi=\dot{a} \pi \dot{o}, \dot{\epsilon} \pi \ell$ are assimilated in $\dot{a} \tau \tau \hat{a} \varsigma$, è $\tau \boldsymbol{\tau} 0 \hat{\text { in. Cf. 86.2. }}$
9. Final $\kappa$. See 100.
10. $\boldsymbol{\epsilon} \xi$. In most dialects, as in Attic, $\boldsymbol{\epsilon} \xi$ becomes $\dot{\epsilon} \kappa$ before a consonant, this appearing often as $\dot{\epsilon} \chi$ before an aspirate, and $\dot{e} \gamma$ before sonant mutes and $\lambda, \mu, \nu, f$, until late times when $\boldsymbol{\epsilon} \kappa$ is usual before all consonants. The general rule is, then, $\boldsymbol{\epsilon} \xi$ before vowels, and éc ( $\epsilon^{\prime} \chi, \dot{e} \gamma$ ) before consonants. But the antevocalic form $\dot{\epsilon} \boldsymbol{\xi}$ occasionally appears before consonants in various dialects (so regularly in Cyprian, as $\epsilon \in \xi$ тồ etc.).

In Locrian it is fully assimilated to all consonants, whence, with the simplification of double consonants in the spelling, it appears



In Thessalian, Boeotian, Arcadian, and Cretan the regular form before consonants is és, e.g. Thess. ès $\tau \hat{a} \nu$, è $\sigma \delta o ́ \mu \epsilon \nu$, Boeot. $\epsilon^{\prime} \tau \boldsymbol{\tau} \nu$,
 é $\sigma \pi \epsilon \rho a ̂ \sigma a \iota$, Cret. és тồv, é $\sigma \kappa \lambda \eta \sigma l a$, Thess., Boeot., Cret. é $\sigma \gamma o v o s=$ ékcoovos. All these dialects have $\begin{gathered}\epsilon \\ \xi\end{gathered}$ before vowels except Boeotian, where $\dot{\epsilon} \chi \boldsymbol{\chi}$ appears in an early inscription, but usually $\dot{\epsilon} \sigma \boldsymbol{\sigma}$, as $\boldsymbol{\epsilon} \sigma \boldsymbol{\sigma}$ $\dot{\epsilon} \phi \epsilon \ell \beta \omega \nu$, $\left.\begin{array}{c}\epsilon \\ \sigma \\ \epsilon \\ \mu \epsilon \nu\end{array}\right)$ This is probably a transfer of the anteconso-

a. There are some traces of és in other dialects which generally have' '́x or




## Consonant Doubling

101. 102. Before vowels. Cret. $\tau$ à $\nu \nu \frac{\grave{\epsilon}}{} \mu i \nu^{\prime} a \nu, \sigma \nu \nu \nu-\overline{\hat{e}}$, Boeot., Corinth.
 tion. This is a compromise between phonetic and etymological syllabification, and the examples, though rare, are mostly earlier than those for the similar doubling in internal combination (89.3).
 etc., or Epid. тò $\sigma \sigma \kappa$ é ${ }^{2} o s$, Coan $\tau o v ̂ ~ \sigma \sigma \tau \epsilon \phi a ́ \nu o v . ~$

## $v$ movable

102. The $\nu$ movable in the dative plural in $-\sigma \iota(\nu)$ and in the verb forms in $-\sigma \iota(\nu)$ and $-\epsilon(\nu)$ is a marked characteristic of AtticIonic, where it appears from the earliest inscriptions on with increasing frequency and before both vowels and consonants. (In Attic its use becomes gradually more and more uniform before vowels, and it is also somewhat more common before a pause in the sense than elsewhere.) Only in the dative plural does it appear in other dialects, and even here only in Thessalian ( $\chi \rho^{\epsilon} \epsilon \mu a \sigma \iota \nu$, no. 33) and Heraclean (eै้ $\nu \tau a \sigma \sigma \iota \nu$ etc.). In verb forms it is wholly unknown in the older inscriptions of other dialects, and where found is a sure sign of $\kappa$ oı $\nu \boldsymbol{\eta}$ influence.

Note. In the dat. pl. $-\sigma \nu$ the $\nu$ is due to the analogy of pronominal datives like Att. $\eta_{\mu i v}$, Dor. $\dot{a}_{\mu}^{\mu} \nu$, Lesb. $a_{\mu} \mu \mu \nu$ and $a ̈ \mu \mu$, in which $\nu$ is inherited (beside a form without $\nu$ ). After the dat. pl. $-\sigma \iota(\nu)$ arose the 3 pl .
 $\delta \omega \sigma t(\nu)$, ri $\theta_{\eta \sigma t}(v)$, etc. Another source is $3 \mathrm{sg} . \boldsymbol{\eta} \boldsymbol{\eta} v$ (originally 3 pl. with etymological $\nu, 163.3$ ) to $1 \mathrm{sg} . \bar{\eta} a$, after the analogy of which arose $-\epsilon(\nu)$ to all forms with 1 sg . -a, as oidev, é $\eta_{\eta \kappa \kappa v}$, from which it extended later to
 earliest inscriptions.

## ACCENT

103. Of the dialects outside of Attic-Ionic, Lesbian is the only one of whose accentual peculiarities we have any adequate knowledge. This was characterized by the recessive accent, e.g. по́тaرos,


The Doric accent is said by the grammarians to be processive in
 $\sigma \tau \hat{\eta} \sigma a l, a i \gamma \epsilon s$. But the statements are too meager to admit of generalization as to the system as a whole, nor is it known whether all Doric dialects had these peculiarities. Hence the practice now frequently adopted, and followed in this book, of giving Doric forms with the ordinary Attic accent. In general our accentuation of dialect forms can be little more than a matter of convenience.
a. A question of detail, touching which there is considerable difference of practice among editors of dialect texts, is whether, in the case of inflectional forms which differ in their quantitative relations from the corresponding Attic forms, to adopt the actual accent of the Attic forms or to change the accent to accord with the Attic system, e.g. infin. coivev like

 question of the true accentuation is a complicated one, differing in each class of forms, and impossible of any certain answer. But practical convenience favors the use of the Attic accent in some cases, as in the accusative plural to distinguish it from the nominative, and we adopt this alternative in all the cases mentioned.

The pronominal adverbs in $-\varepsilon$, $-\alpha$, and $-\omega$ we accent as perispomena, following here what the grammarians laid down as the Doric accent, since this affords a convenient working rule, and, for $-\omega$, serves to distinguish e. g. $\tau \boldsymbol{\sigma} \tau \hat{\omega}$ from gen. $\tau 0 \boldsymbol{v}_{\tau} \omega$. But it is far from certain that the accent was uniform, and that we should write e.g. $\dot{a} \lambda_{\epsilon \hat{\epsilon}}, \dot{a} \lambda \lambda \hat{a} \iota, ~ \pi a v \tau \hat{a} u$, as we do, and
 $\pi a ́ v \tau \eta$. And as between $\dot{\delta} \pi \hat{\varepsilon} \hat{\imath}$ and $\dot{o} \pi \epsilon$, etc., about which the grammarians

 ö́кo, though èvoô etc. (cf. èvraveô) may also be defended.

## INFLECTION

## NOUNS AND ADJECTIVES

## Feminine $\overline{\mathbf{a}}$-Stems

104. 105. Nom. SG. $-\bar{a}$, Att.-Ion. $-\eta$.
1. Gen. Sg. - $\bar{\alpha}$ s, Att.-Ion. $-\eta s .-$ Arc. $-\bar{a} v$ after the masculine, as oikiav, $\zeta a \mu l a v$, but only at Tegea, and here $-\bar{a} s$ beside $-\bar{a} v$ in early inscriptions, and always tâs.
2. Dat. Sg. - $\bar{a} \iota$, Att.-Ion. $-\eta \iota$, whence also $-\bar{a},-\eta,-\epsilon \iota$. See 38, 39. - Boeot. -al ( $-a \epsilon,-\eta, 26$ ), and this is to be assumed in the other dialects which have -oc (106.2).
3. Acc. Sg. $-\bar{a} \nu$, Att.-Ion. $-\eta \nu$.
4. Nom. Pl. -aı (Boeot. $-a \epsilon,-\eta, 26$ ).
5. Gen. Pl. -á $\omega \nu,-e ́ \omega \nu,-\hat{\omega} \nu,-\hat{a} \nu$. See 41.4.
6. Dat. Pl. In early Attic, $-\bar{a} \sigma \iota(\nu),-\eta \sigma \iota(\nu)$, sometimes $-\bar{a} \iota \sigma \iota(\nu)$, $-\eta \iota \sigma \iota(\nu)$, after 420 в.c. $-a \iota \varsigma$. - In Ionic, $-\eta \iota \sigma \iota(\nu)$ regularly, -aıs being rare and probably Attic. - In Lesbian, -aloı (but always taîs), and this occurs, rarely, elsewhere. - Most dialects have -als from the earliest times.
7. Acc. Pl. -avs, with the same development as has -ovs from o-stems, namely (see also 78) :


Cret., Arc., (Cypr.?), Thess., Ther., Coan

$$
\begin{array}{ccc}
-\bar{a} s,-o u s \text { or }-\omega s & -a \iota s,-o \iota \varsigma & -a s,-a \iota s,-a \iota \rho \\
\text { Most dialects } & \text { Lesbian } & -o s, \text { *-ocs, -o८p } \\
80 & & \text { Elean }
\end{array}
$$

## Masculine $\bar{\alpha}$-Stems

105. 106. Nom. Sg. $-\bar{a} s$ (with secondary $s$, after the analogy of $-o s$ ), Att.-Ion. - $\boldsymbol{\eta}$.
a. Forms without s also occur, several in Boeotian ( $\pi \cup \theta$ ıovíкa, Ka入lía, etc.), and a few from other parts of Northwest Greece. Cf. also El. re$\lambda_{\epsilon \sigma \tau a ́, ~ t h o u g h ~ t h i s ~ i s ~ p o s s i b l y ~ a ~ f o r m ~ i n ~-\tau a ̆ ~ l i k e ~ H o m . ~ i \pi \pi o ́ r a . ~}^{\text {a }}$
1. Gen. Sg. - $\bar{a} o$ (with $o$, in place of $s$, after that of $o$-stems), whence Arc.-Cypr. $-\bar{a} \boldsymbol{v}$ (22), elsewhere $-\bar{a}$, Ion. $-\epsilon \omega,-\omega$. See 41.4. Att. $-o v$ is not from - $\bar{a} o$, but the o-stem form taken over as a whole.
a. - $\bar{\alpha} f o$, in Thaciafo, Mactádafo, of two metrical inscriptions from Corcyra (no. 87) and Gela, is a reminiscence of the epic -ao (the spoken form was already $-\bar{a}$, which appears in other equally early inscriptions, as 'Apvíóa no. 88, $\Delta_{f}$ ēvía no. 85) with the introduction of a non-etymological $f$, either representing a glide sound before the following o (cf. áfutáv, no. 88. See 32), or due to a false extension from forms with etymological $f$, as $\lambda \bar{a}$ fós $=$ Hom. $\lambda \bar{a} o ́ s$.
b. Forms in -as, with the old ending unchanged and belonging with the nominatives in $-\bar{u}$ (above, $1 a$ ), occur in scattered examples in Megarian (no. 92) and from various parts of Northwest Greece.
c. Att.-Ion. proper names in $-\eta$, from the fourth century on, frequently form the genitive after the 'analogy of $\sigma$-stems, e.g. Att. Kaducióovs (after $\Delta \eta \mu \circ \sigma \theta$ évovs etc.), Ion. $\Lambda$ cádeos, 'Apurreídevs. This type spreads to other dialeets, e.g. Rhod. Mvwvídevs.

## 0-Stems

106. 107. Gen. Sg. -oto (from *-oбıo, cf. Skt. -asya) as in Homer, whence, with apocope, Thess. (Pelasgiotis) -ol, as roî, $\chi$ póvol, etc. Elsewhere, with loss of $\iota$ and contraction, oov or - $\omega$ (25). - In
 etc., and so usually $-\bar{o} \nu$ in nouns, whether vowel or consonant follows; but also á $\rho \gamma u ́ \rho \bar{o}, a^{a} \lambda_{f} \bar{o}$, before a consonant, and always $\left.\tau \overline{\bar{o}}\right)$.
a. - ow is often employed in metrical inscriptions, in imitation of the epic, e.g. nos. 87, 88. But in Thessalian it also occurs in a few prose inscriptions, and the grammarians often refer to the Thessalian genitive in -ow. This, together with the fact that apocope is more extensive in Thessalian than in any other dialect (see 95), makes the derivation of the usual

Thess. -o from -ow far more probable than other explanations which separate it entirely from this and so from the forms of all the other dialects. For the added $v$ in Cyprian no explanation that has been offered is adequate.
2. Dat. Sg. - $\omega \iota$ in most dialects, whence also - $\omega$ ( 38 ; Thess. ov, 23).--oc in Arcadian, Elean, Boeotian ( $-\boldsymbol{\epsilon},-\boldsymbol{v},-\epsilon \iota, 30$ ), and in later inscriptions from various parts of Northern Greece (Delphi, Aetolia, Acarnania, Epirus, Cierium in Thessaly, Euboea).
a. In Euboea -o replaces earlier - $\omega$ and may be derived from it, like $-a$ from $-\eta \iota$ (see 39). But in general $-\alpha$ is rather the original locative (cf. ớкoc) in use as the dative. In some dialects the history of the dative is obscure, owing to the lack of early material or the ambiguity of -OI in the pre-Ionic alphabets.
3. Nom. Pl. $-0 \iota$ (Boeot. $-o \epsilon,-v, 30$ ).
4. Dat. Pl. -o८o $\iota(\nu)$, as in Homer, in early Attic, Ionic, where it lasts somewhat longer than in Attic (but some early examples of -ots, especially in West Ionic), and Lesbian (but here always roís). - Elsewhere only -oıs (Boeot. -vs, -eıs, Elean -oıp).
5. Acc. Pl. -ovs, with the same development as -avs. See 78, 104.8.
6. Gen. Dat. Dual. -oul as in Homer, whence -olv in most dialects in which the form occurs at all. - Elean -o九ols, -o九oıp, after the analogy of the dative plural, as $\delta$ volocs, aútoíoıp.

## Consonant Stems in General

107. 108. Acc. Sg. $-a \nu$ in place of the usual $-a$, with $\nu$ added after the analogy of vowel stems, occurs in Cypr. ijarêpav, $\dot{a}(\nu) \delta \rho \iota j a ́(\nu)$ $\tau a \nu$, Thess. кíovav, El. à $\gamma \boldsymbol{\lambda} \mu \mu a \tau o \phi \hat{\omega} \rho a \nu$ (but possibly -ф $\omega$ $\rho \bar{\partial} \nu$ from nom. - $\phi \dot{\omega} \rho \bar{\alpha} \bar{s})$, and among late inscriptions of various dialects.
1. Nom. Pl. $-\in \nu^{\nu}$ for usual -es occurs in late Cretan, having originated in pronominal forms. See $119.2 a$.
2. Dat. Pl. $-\epsilon \sigma \sigma \iota$, as in Hom. $\pi \sigma^{\delta} \delta \epsilon \sigma \sigma \iota$, probably an extension of the form of $\sigma$-stems, is characteristic of the Aeolic dialects, Lesbian, Thessalian (Pelasgiotis), and Boeotian, and is also found in early Delphian, East Locrian, Elean ( $\phi v \gamma a ́ \delta \epsilon \sigma \sigma \iota$ no. 60 ; elsewhere -ocs), and in inscriptions of various Corinthian colonies (Corcyra,

Epidamnus, Syracuse). - Heraclean has -acбı in pres. part. èvta $\sigma \iota \nu$ (perhaps originally ${ }^{*}$ ä $\sigma \sigma \iota=$ Skt. satsu, then eै $\nu \tau a \sigma \sigma \iota$ by fusion
 after the analogy of o-stems, is characteristic of Locrian, Elean, and the Northwest Greek кoı $\boldsymbol{\eta}$, whence it finds its way into various dialects in later times.
4. Acc. PL $-\in s$ in place of -as, i.e. the nom. for the acc., perhaps first used in the numeral tétopes owing to the influence of the indeclinable $\pi$ évtє etc., is seen in Delph. סєкатétopes (no. 49, early fifth century), тétopes, $\delta \in \lambda \phi i \delta \epsilon s$ (in an inscription of early fourth century; but otherwise in Delphian only тévopas etc.), and regularly in Elean ( $[\tau \in ́ \tau o \rho] \epsilon \varsigma$, sixth century, $\pi \lambda \epsilon$ íov $\epsilon, \chi^{a} \rho \iota \tau \epsilon \rho$, no. 61, etc.) and Achaean (é $\left.\lambda a^{\prime} \sigma \sigma o \nu \epsilon s, \delta a \mu о \sigma \iota o ф v ́ \lambda a \kappa \epsilon \varsigma, ~ e t c.\right), ~ a l s o ~$ in the very late inscriptions of various dialects, even Attic. .
-avs, after the analogy of $\bar{a}$-stems, in Cretan, e.g. Ouyacépavs, $\sigma \tau a \tau e ̂ p a \nu s$, etc.
$\sigma$-Stems
108. 1. All dialects except Attic have the uncontracted forms. Gen. sg. in most dialects -eos, whence - $\iota o s$ in Boeotian, Cretan, etc. (9), -evs in later Ionic, Rhodian, etc. (42.5).- Acc. sg. masc. and acc. pl. neut. $-\epsilon a$, whence $-\iota a$ (9), occasionally $\eta$ (42.1).
a. Proper nàmes in $-\kappa \lambda$ éns, $-\kappa \lambda \bar{\eta} s$. Cypr. $-\kappa \lambda \epsilon \epsilon_{f} \bar{\varsigma}$, whence $-\kappa \lambda e^{\prime} \boldsymbol{s}$ in Attic (beside $-\kappa \lambda \hat{\eta} \mathrm{s}$ ), Boeotian ( $-\kappa \lambda \bar{\epsilon} \mathbf{\epsilon}$, $-\kappa \lambda \lambda \bar{\epsilon} \mathrm{s}$ ) till about 400 в. c., and regularly in Euboean (gen. - $\lambda \lambda \epsilon^{\prime} \omega, 2$ ), but in the other dialects regularly $-\kappa \lambda \hat{\eta} s$. Gen.
 in most dialects - $\kappa$ 入éos.

For names in -к $\lambda$ éás instead of -к ${ }^{2}$ éns, see 166.1.
2. Proper names often have forms which are modeled after the analogy of the masc. $\bar{a}$-stems, and this not only in Attic-Ionic (e.g. Att. $\Sigma \omega \kappa \rho a ́ т \eta \nu, ~ \Sigma \omega \kappa \rho a ́ t o v, ~ E r e t r . ~ g e n . ~ E u ̉ \kappa \rho a ́ т \omega, ~ T ı \mu о к \lambda e ́ \omega), ~$ where the agreement in the nom. $-\eta s$ was especially favorable to this, but also in the other dialects. Thus acc. sg. in $-\eta \nu(-\eta \nu:-\eta s=$ $-\bar{a} \nu:-\bar{a} s)$, e.g. Boeot. $\Delta a \mu o \tau e ́ \lambda \epsilon \iota \nu$ etc., Arc. $\Phi_{\iota} \lambda o \kappa \lambda \hat{\eta} \nu$, and even in

$-\eta \iota$, Lesb. Ka $\lambda \lambda i \not \kappa \lambda \eta \iota$. - Gen. sg. in - $\boldsymbol{\eta}$ (like - $\bar{a}$ ) in Lesb. ©єoyév $\eta$ etc.; also, perhaps, $-\eta s$ (like $-\bar{\alpha} \varsigma, 105.2 b$ ) in Thess. ${ }^{\text {' } 1 \pi \pi о к \rho a ́ \tau \epsilon \iota s ~}$

 Подvкра́тๆ.

The numerous Boeotian hypocoristic names in - $\epsilon$ as Mévעєt, $\Phi i \lambda \lambda \epsilon \iota, \Theta \dot{d} \lambda \lambda \epsilon \iota$, ヨévvєı, are also best understood as vocatives of this type used as nominatives. They correspond to names in $-\eta s$, $-\eta \tau o s$, in other dialects, but in Boeotian follow the analogy of $\sigma$-stems (gen. sg. $-\iota o s$, acc. sg. $-\epsilon \nu)$.

## t-Stems

109. 110. In all dialects except Attic-Ionic, and, for the most part, in Ionic too, the regular type of declension is that with $\iota$ throughout, namely $-\iota \varsigma,-\iota 0 \varsigma,-i,-\iota \nu,-\iota \in \varsigma,-\iota \omega \nu,-\iota \sigma \iota,-i \varsigma$ (Cret. $-\iota \nu \varsigma$ ) or -tas (rare).
1. The type in $-\iota \varsigma,-\epsilon \omega \varsigma$ (from - $\quad 0 \varsigma$, as in Homer), $-\epsilon \iota$, pl. $-\epsilon \iota \varsigma$, etc. is almost exclusively Attic. In Ionic $\pi o ́ \lambda \epsilon \omega \varsigma$ occurs in early inscriptions of Chios (no. 4) and Thasos, and $\delta \nu \nu a ́ \mu \epsilon t$ in Teos (no. 3). But otherwise in Ionic, and always in other dialects, forms of this type are late and to be attributed to Attic influence. In general, the Attic datives, $-\epsilon \iota$ and $-\epsilon \sigma \iota$, are the first to be adopted, next the nom.-acc. pl. - $\epsilon \iota$, and lastly the gen. sg. $-\epsilon \omega \varsigma$. Thus in the later inscriptions of many dialects it is common to find gen. sg. -los, but dat. sg. $-\varepsilon$.

A gen. sg. $\pi o^{\prime} \lambda \epsilon o s$ is found in the $\kappa o \iota \nu \eta^{\prime}$, and in later inscriptions of various dialects.
3. Lesbian has a nom. pl. -is (ródcs, no. 21), perhaps the accusative used as nominative.
4. Cyprian has such forms as gen. sg. Tımo $\boldsymbol{a}^{\prime} \rho \iota f o s$, dat. sg. $\pi \tau o \partial \lambda_{\iota} \ell$. The $f$ is certainly not original here, and is perhaps due to the analogy of $v$ - and $\eta u$-stems (gen. $-v_{f o s,}-\bar{\epsilon}$ fos).
5. A transfer to the type $-\iota \varsigma$, - $\iota \delta o s$, as frequently in Attic, is characteristic of Euboean proper names in -८s, as $\Delta \eta \mu 0 \chi$ ápı $\delta o s$.

## $\mathbf{v}$-Stems

110. Nearly all the inscriptional forms ocecurring are the usual
 with the ä́cteos of non-Attic literature. For viús see 112.2.

## Nouns in eves

111. The stem is $\eta v, \eta f$ throughout, nom. sg. -evs (from $-\eta \nu s$, cf. 37.1), gen. sg. $\boldsymbol{\eta}$ fos, etc.
112. The original forms in $-\eta f o s,-\eta f \iota$, etc. are preserved, with or
 bian ( $\beta a \sigma i \lambda \eta o s$ etc.), Boeotian ( $\Pi \tau \bar{\iota} \iota \bar{\epsilon} f \iota, ~ \gamma p a \mu \mu a \tau \epsilon i o s, ~ e t c.), ~ T h e s-~$ salian ( $\beta a \sigma \iota \lambda \epsilon i \hat{o}$ etc.), and Elean ( $\beta a \sigma \iota \lambda \hat{a} \epsilon \varsigma$ ), as also in Homer.
113. Attic only are $\beta a \sigma \iota \lambda e ́ \omega s, \beta a \sigma \iota \lambda e ́ a ́$, with quantitative metathesis. But from the beginning of coıv $\eta$ influence $\beta a \sigma \iota \lambda e ́ \omega s$ is one of the Attic forms most widely adopted by other dialects.
114. Most dialects, namely Ionic and the West Greek dialects ex'cept Elean, have $\beta a \sigma \iota \lambda$ éos, $\beta a \sigma \iota \lambda \epsilon \hat{i}$, etc., with shortening of the $\eta$. Generally these are the forms of even the earliest inscriptions
 which has also 'A $\lambda \kappa \eta$ i $\delta e s$ etc.; later always iepei etc.), and once
 42.5), as Meg. iapev̂s, but, owing to the confusion with the nominative, this spelling is far less common than in the genitive of $\sigma$-stems.

Acc. Sg. -éa in Ionic, Locrian, Cretan. But in Delphian and most of the Doric dialects $-\hat{\eta}$ (see 42.1, 43) is the regular form, e.g. Delph. iє $\rho \hat{\eta}, \beta a \sigma \iota \lambda \hat{\eta}$, Lac. $\beta a \sigma \iota \lambda \hat{\eta}$, Mess. $i \in \rho \hat{\eta}$, Meg. $i \in \rho \hat{\eta}$, Mycen. $\Pi \epsilon \rho \sigma \hat{e}$ (no. 76, fifth century), Arg. $\beta a \sigma \iota \lambda \hat{\eta}$, Rhod. $\beta a \sigma \iota \lambda \hat{\eta}, \gamma \rho a \mu-$ $\mu a \tau \hat{\eta}$, Coan $\beta a \sigma \iota \lambda \hat{\eta}$, etc. In these dialects $\epsilon a$ is of later occurrence, and due to кoı $\nu \eta$ influence.

Nom. Pl. -ées in Cretan (e.g. סpoнées) and elsewhere, but usually contracted to -eîs. Also - $\hat{\eta} \mathrm{s}$ (in part at least directly from - $\hat{\eta} \mathrm{s}$ ) in early Attic, Coan ( $\tau \epsilon \tau a \rho \tau \hat{\eta} s$ ), Laconian (Mevapềs etc., no. 64), and Arcadian (Mavtı $\eta_{\hat{\eta}}$ ). At Cyrene occurs nom. and acc. pl. iapés.

Acc. Pl. téas in Ionic and Doric (Cret. $\delta \rho o \mu e ́ a \nu s, ~ c f . ~ 107.4), ~$ when not replaced by -eîs of the кoıv $\eta$.
 also once ijepés, but usually -eús), acc. sg. hte $\frac{f}{\epsilon} \nu$ (cf. 108.2), nom. pl. Mavtıū̂s. Some proper names in- $\boldsymbol{\eta} \prime s=-\epsilon u ́ s$ are also found elsewhere.
5. In Miletus and colonies occurs nom. sg. iépecos, gen. sg. iépe $\omega$, likewise at Ephesus gen. sg. $\Phi \lambda$ éa belonging to $\Phi \lambda$ eús.

## Some Irregular Nouns

112. 113. Z $\epsilon$ ús. Z $\epsilon$ ús or $\Delta \epsilon u^{\prime}$ (84). $\Delta l(f)$ ós, $^{\prime} \Delta l(f) i$ (also $\Delta l \epsilon l$, of uncertain origin, in an inscription of Corcyra and one of Dodona; cf. Att. $\Delta \iota \epsilon \iota \tau \rho \in ́ \phi \eta \varsigma$, Cypr. $\Delta \iota f \in(\theta \epsilon \mu \iota \varsigma), \Delta l(f) a$, in most dialects. But also in various dialects (attested for East Ion., Coan, Ther., Cret., El.), as in Homer, $\mathrm{Z}_{\eta \nu o ́ s, ~}^{\text {Z }} \boldsymbol{\eta \nu} \nu$, $\mathrm{Z} \hat{\eta} \nu a$ (Cret. $\Delta \hat{\eta} \nu a$, T $\hat{\eta} \nu a$, etc., 37.1). Late forms with $\bar{a}$ are hyper-Doric.
1. viós, viós. Aside from the o-stem forms, the inscriptional occurrences are as follows, mostly from a stem viv-:

Nom. Sg. viús Cret., Lac., Att. (Att. also iv́s, $\overline{\tilde{v}} \mathrm{~s})$.
Gen. Sg. viéos Cret., Att.; Thess. hvîos (no. 33).
Dat. Sg. viei Argol, Phoc., Att.
Acc. Sg. viúv Arc., Cret., Locr., etc.
Nom. Pl. viées Cret. (as in Hom.); Att. vieís.
Dat. Pl. viáaı Cret. (as in Hom.), after analogy of matpá⿱㇒́ etc.
Acc. Pl viúvs Arg., Cret. ; Att. vieîs.
3. $\mu \eta \eta^{\prime} \nu$. Stem ${ }^{*} \mu \eta \nu \sigma$ - (cf. Lat. ménsis), whence (77.1) Lesb. $\mu \hat{\eta} \nu \nu o s$, Thess. $\mu \epsilon \iota \nu \nu o s$, Att. etc. $\mu \eta \nu o o_{s}$. The nom. ${ }^{*} \mu \eta_{\nu} \nu s$ became * $\mu$ évs (vowel-shortening before $\nu+$ cons., but later than the assimilation of medial $\nu \sigma$ ), whence regularly (78) Ion., Corcyr., Meg. $\mu \epsilon i s$, Heracl. $\mu \dot{\eta} s$. In Attic, $\mu \epsilon i ' s$ was replaced by $\mu \eta^{\prime} \nu$ formed after the analogy of original $\nu$-stems in $-\eta \nu,-\eta \nu o s$. Elean $\mu e u ́ s$ is perhaps due to the analogy of Zev́s, Z Z $\quad$ oós (above, 1).
4. $\lambda a ̂ s$, Hom. $\lambda \hat{a} a s$. Originally a neuter $\sigma$-stem tò $\lambda a ̂ a s$, becoming $\dot{\delta} \lambda \hat{a} a s, \dot{\delta} \lambda \hat{a} \varsigma$, after the analogy of $\delta \lambda i \theta_{o s}$ etc. Hence in genitive beside $\lambda \hat{a} o s$ also Att. $\lambda$ áov (Soph.), Cret. $\lambda$ áóo.
5. Cret. $f \hat{\eta} \mu a$ nom.-acc. sg. $=\epsilon \boldsymbol{i} \mu a$, but gen. sg. $\tau \hat{a} \varsigma{ }_{\mathrm{f}}^{\boldsymbol{\eta}} \boldsymbol{\mu} \mu \overline{\mathrm{a}} \mathrm{s}$ from a stem in $-\mu \bar{\mu}$. So also Cret. * ${ }^{\boldsymbol{a}} \boldsymbol{\mu} \phi \dot{i} \delta \eta \mu a$, ornament (cf. $\delta \subset a ́ \delta \eta \mu a$ ), but gen. sg. $\dot{a} \mu \pi \iota \delta \dot{\eta} \mu \bar{a} s$.
6. $\chi$ ov̂s, which in Attic is declined as a consonant stem (gen. sg. $\chi$ oós), is properly a contracted o-stem (from $\chi^{\left.\delta_{f}^{\prime} o-\right) ~ l i k e ~} \pi \lambda^{\prime}$ ov̂s, and remains so in Ionic, e.g. acc. sg. $\chi o \hat{v} \nu$, gen. pl. $\chi \hat{\omega} \nu$.
7. $\chi \epsilon i \rho, \chi^{\prime} \rho$. See $27 b, 79$.

## Comparison of Adjectives

113. 114. Beside $\mu \epsilon i \zeta \omega \nu$ and $\kappa \rho \epsilon i \tau \tau \omega \nu$, both with anomalous $\epsilon \ell$, we find the normal $\mu e ́ \zeta \omega \nu$ (from ${ }^{*} \mu e ́ \gamma \iota \omega \nu \nu$ ) in Ionic and Arcadian, and $\kappa \rho e ́ \sigma \sigma \omega \nu$ (from ${ }^{*} \kappa \rho \bar{\tau} \tau \iota \omega \nu$ ) in Ionic. For Dor. ка́ $\rho \rho \omega \nu$, Cret. ка́ $\rho$ $\tau \omega \nu$ (both from $\left.{ }^{*} \kappa \alpha \dot{\rho} \rho \tau \iota \omega \nu\right)$ see 49.2 with $a, 80,81$.
1. Beside $\pi \lambda$ é $\omega \nu$, pl. $\pi \lambda$ éo $\boldsymbol{\nu \epsilon \varsigma , ~} \sigma$-stem forms, like Hom. $\pi \lambda$ 白 $\epsilon$, $\pi \lambda e ́ a s, ~ o c c u r ~ i n ~ L e s b i a n ~(~ \pi \lambda e ́ a ́ s ~ n o . ~ 21) ~ a n d ~ C r e t a n ~(e . g . ~ G o r t y n . ~$ $\pi \lambda i \epsilon \varsigma, \pi \lambda i a \nu \varsigma, \pi \lambda i a$, beside $\pi \lambda i ́ o \nu o s, \pi \lambda i o v a, \pi \lambda i o \nu . \pi \lambda i a \sigma \iota \nu$, Dreros, is in origin a $\nu$-stem form, cf. 77.1 a). Cf. also Arc. $\pi \lambda$ ós (from ${ }^{*} \pi \lambda$ éós, cf. 42.5 d) adv. $=\pi \lambda$ éo $\nu$.

Heracl. $\pi 0 \lambda \iota \sigma \tau o ́ s=\pi \lambda \varepsilon i \sigma \pi o s$ is formed directly from $\pi o \lambda u ́ s$.
3. El., Lac. ä́ $(\sigma) \sigma \iota \sigma \tau a$ (also in Aesch.) $=a^{\prime} \gamma \chi \iota \sigma \tau a$, is formed from the compar. $\boldsymbol{\alpha} \sigma \sigma o \nu$ (this regularly from $\left.{ }^{*}{ }^{\prime} \gamma \chi \chi \chi_{n}^{\circ} \nu\right)$ ).

## NUMERALS

## Cardinals and Ordinals

114. 1-10. 1. Nom. sg. masc. Att. etc. $\boldsymbol{\epsilon i s}$, Heracl. $\boldsymbol{\eta} s$ (cf. Lac.
 *évs. Cf. 78. - Fem. $\mu i ́ a$, but, of different origin, Lesb., Thess. ìa, as in Homer. Also mase. iós (cf. Hom. dat. sg. neut. $i \hat{\varphi})$ ) in Cretan, but with pronominal force $=\dot{\epsilon} \kappa \in \hat{\imath} \nu o s$. [Boeot. $\grave{l} a$ now in Corinna.]

Att. etc. $\pi \rho \hat{\omega} \tau o \varsigma$, West Greek and Boeot. $\pi \rho \hat{a} \tau o \varsigma$. The source of $\pi \rho a ̂ \tau o s$ is uncertain (not ${ }^{*} \pi \rho o ́ a t o s$, cf. 44.1).
2. $\delta$ v́o (Boeot. $\delta \iota o v ́ o, 24$ ) in all dialects. Lac. once $\delta \dot{v} \epsilon$ with the ending of consonant stems. - $\delta \dot{v} \epsilon i ̂ \nu=\delta v o i ̂ \nu$ in late Att. and $\kappa o \iota \nu \eta$.

- Mural forms in varisus dialects, eg Chian, Cret, Heracl. סeein,


3. Att etce tpeîs, Cret. tpées, Ther. tpîs, from *тpées. See 25, 45.5. - Ace tpis, Cret. tpiuxs (for $\tau$ ifins with $e$ introduced anew from upios etc.). Cnder the influence of the indeclinable numerals, the nominative or the accusative is used for both cases in some dialects, namely nom. tpeîs in Attic and elsewhere, and acc. tpis in Hxertian, Heraclean, Delphian, Troezenian, and perhaps in Lesbian.

трlтos, Lesb. тéptos (18).
4. Att. тétrapes, Ion., Arc. téoбepes (also téorapes in Ionic and
 (ireek réropes. From *qưetuer- (cf. Lat. quattuor, Skt. catväras), the differences being due to inherited variations in the second syllable (tuer, tuor, tur, tur), and to the divergent development of $q_{4}^{4}(68)$ and $t u(54 e, 81)$.

тétapros, Hom. тétpatos, Boeot. тétpatos. See 49.2 a.
5. $\pi$ ѐтє, Lesb. Thess. тé $\mu \pi \epsilon$ (68.2).
$\pi \epsilon \mu \pi \tau \delta \delta^{\text {, Cret. }} \pi \epsilon \nu \tau \delta{ }^{\prime}$ (86.2).
6. ${ }^{\boldsymbol{e} \xi}$, Cret., Delph., Heracl. fég. See 52 b. For Boeot. $\dot{\epsilon} \sigma-\kappa \eta$ סeкát $\eta$, see 100.
 é $\beta \delta е \mu \eta \eta_{\kappa} \nu \nu \tau a$, Epid. é $\left.\beta \delta \epsilon \mu a i ̂ o s\right)$.
8. òктஸ́, Boeot., Lesb. óктó (like $\delta v_{0}$ ), Heracl., Ther. hoктஸ́ (58 c), Elean ò $\pi \tau \boldsymbol{\sigma}$ (with $\pi$ from $\dot{\epsilon} \pi \tau a$ ).
9. èvעéa, Delph. èvvŋ̂ (42.1). But *èvfa in Att. ęvatos, èvacóotoo,
 Delph., Ther. hévatos, see 58 c. Lesb. ềvotos, see 6, $116 a$.
 See 6, $116 a$.
115. 11-19. êvסєка, rarely סéккa єís (e.g. Heracl. סéккa hév). -
 (e.g. Boeot. סvoסéкatos), Delph., Heracl. סé́кa סúo (also late Attic).треīs каl סéка, also indecl. трєєбкаíঠєкa (Attic after 300 в.c.) and трибка(ঠека (Boeotian etc.; cf. 114.3); also סéка трєîऽ, especially
when the substantive precedes（so Attic even in fifth century）．－ Similar variations for 14－19．
 13th－19th，Att．трíтоs каl סéкатоs，etc．，but трєıбкаıסе́катоs or трıбкаıঠéкатоя，etc．，in East Ionic，Boeotian，and Lesbian（－ঠéкотоя）．

116．20－90．єïкоб九（from＊é－fíкoб九）in Attic，Ionic，Lesbian， Arcadian（no occurrence in Cyprian），but fiкать，їкать（i，cf．Ther． hïcádı，no．107；for $h$ see $58 c$ ）in West Greek with Boeotian and Thessalian，with $\iota$ not $\epsilon \ell$ ，and $\tau$ retained（61）．The $\epsilon \iota$ of Heracl． fєiкать beside fiкать is due to the influence of Att．єiкобь．－
 тєббара́коעта，тєттара́коута（see 114．4），Delph．，Corcyr．，Heracl． тєтрळ́коута（so doubtless in all West Greek dialects previous to
 in all dialects（but Ion．ỏ $\delta \delta \dot{\omega} \kappa о \nu \tau a, 44.2$ ）．－Delph．，Heracl．$h \in \beta \delta \epsilon-$
 $\tau \epsilon \sigma \sigma[\epsilon \rho] a \kappa o ́ \nu \tau \omega \nu, \pi \epsilon \nu \tau \eta \kappa o ́ v \tau \omega \nu$ ，etc．in Chios，where the use of such inflected genitives（also $\delta e^{\prime} \kappa \omega \nu$ ）is one of the Aeolic features of the dialect（cf．$\pi \varepsilon ́ \mu \pi \omega \nu$ ，$\delta e ́ \kappa \omega \nu$ in Alcaeus，also $\tau \rho \iota \eta \kappa o ́ \nu \tau \omega \nu$ in Hesiod）．

Att．，Ion． $\boldsymbol{\epsilon} \boldsymbol{1 \kappa o \sigma}$ тós etc．，Boeot．fıкaбтós（－кабтós doubtless in all West Greek dialects also ；but Thess．iкобто́s），Lesb．єїкоьбтоs，$\tau \rho \iota a ́-$ $\left.\kappa 0 \iota \sigma \tau 0 \varsigma, \epsilon \in \xi \eta{ }^{\prime} \kappa о \iota \sigma \tau о \varsigma\right)$ ．
a．The earliest form of the ordinals is that in－кaбтos（from－kmt－to－， cf．Skt．tringat－tama－etc．）．Under the influence of the cardinals in－когта this became－кoбтos in Attic etc．；in Lesbian，under the same influence， ＊－кovatos，whence－кowros（cf．77．3，78）．To the same analogy is due the o of elкобь，and of the hundreds in－кобьo（e．g．трико́бьо after три́когта）， instead of the more original $\alpha$ in fíkatı（Skt．viñcati－，Lat．vīgintī），－катьo， －кабю（cf．éкатóv，Skt．¢atam，Lat．centum）．It is possible that a still further extension of this analogical $o$ is to be assumed in explanation of Arc． heкотóv，Arc．，Lesb．סє́котоs，Arc．סéкo，Lesb．ếvotos．

117．1．100．Att．etc．éкатóv，Arc．heкотóv．See 6， 116 a．
2．200－900．Att．－Ion．，Lesb．－кóбıo七，West Greek，Boeot．（and doubtless Thess．）－кátıoı，Arc：－кáбıo（with East Greek $\sigma$ ，but West Greek a）．See 61．2， $116 a$.

The $\bar{a}$ of t т $\iota \bar{a} \kappa o ́ \sigma \iota o \iota ~(I o n . ~ \tau \rho \iota \eta \kappa o ́ \sigma \iota o \iota) ~ i s ~ e x t e n d e d ~ t o ~ \delta \iota a ̄ \kappa o ́ \sigma \iota o \iota ~$


3. 1000. Att. $\chi^{i} \lambda^{\prime} \ell o \iota$ from ${ }^{*} \chi^{i} \sigma \lambda c o \iota$, but Ion. $\chi \in i ́ \lambda c o \iota$, Lac. $\chi \eta \eta^{\prime} \lambda o \iota$, Lesb., Thess. $\chi$ €́ $\lambda \lambda \iota o \iota$, from ${ }^{*} \chi$ モ́ $\sigma \lambda \iota o l . ~ S e e ~ 76 . ~$

## PRONOUNS

## Personal Pronouns ${ }^{1}$

118. Singular. 1. The stems, except in the nominative, begin with: 1. $\dot{\epsilon} \mu$ - or $\mu$ - - 2. original $t u$, whence East Greek $\sigma$-, West Greek $\boldsymbol{\tau}$ - ( $\tau$ éos, $\tau(\nu, \tau e ́)$. But enclitic $\boldsymbol{\tau o \iota}$ is from a form without ${ }_{\tau}^{u}$ (cf. Skt. te), and occurs also in Ionic (Hom., Hdt., etc.). Hom. reoîo and $\tau \epsilon i \nu$ are from the possessive stem teuo- (120.2). - 3. original sun, whence $f$ - in some dialects ( $f$ éos, fol, $f^{\prime}(\nu)$, otherwise ${ }^{\text {? }}$
 $\sigma v ́$, Dor. $\tau v ́$, Boeot. $\tau 0 v v^{.}$See 61.6.
119. Gen. a. -єıo (Hom. $\epsilon \in \epsilon \in i o$ etc. like toîo), whence - $\epsilon 0$, later Ion. - モv, Att. -ov. - b. - cos in West Greek, as lit. Dor. é $\mu$ éos, téos, Locr. féos. - c. $-\theta \epsilon \nu$, as lit. Dor. $\epsilon^{\mu} \in \in \theta \epsilon \nu$, Epid. $\boldsymbol{\varepsilon} \theta \epsilon \nu$.
120. Dat. a. -oו, as $\dot{\epsilon} \mu o l, \mu o \iota, \sigma o l, \sigma o \iota$ (lit. Dor. toí, tol, lit. Ion. тoı), oi, oi (Arg., Cret., Delph., Cypr., Lesb. foi). - b. -ı in West Greek (where also ool, but mostly in the enclitic forms, as $\mu \circ$, never $\dot{\epsilon} \mu o l$, foı, oi, and toı, though also toí), as Cret., Calymn., Rhod., Delph., and lit. Dor. $\epsilon^{\prime} \mu i v$, lit. Dor. $\tau i v$, Cret. fiv.
121. Acc. 1. $\epsilon_{\mu}^{\mu \epsilon}, \mu \epsilon .-2$. Att.-Ion., Lesb. $\sigma e ́$, lit. Dor. $\tau \in ́$ (Cret. т $\boldsymbol{\epsilon}$ é, written $\tau \rho \in ́$, in Hesych.); also lit. Dor. and Epid. tú (nom. used as acc.). - 3. ${ }^{\varepsilon}\left(f^{\prime}\right)$; also lit. Dor. and Epid. $\nu i \nu$ v.
122. Plural. 1. The forms of the first and second persons contain, apart from the endings, $\dot{a} \sigma \mu$ - (cf. Skt. asm $\bar{a} n$ etc.) and $\dot{\nu} \sigma \mu$ - (cf. Skt. yuṣmān etc.), whence Lesb., Thess. $\dot{a} \mu \mu$-, Lesb. $\dot{v} \mu \mu$-, elsewhere

[^14]$\stackrel{s}{\mathbf{a}} \mu$ - (Att.-Ion. $\dot{\eta} \mu$-) or $\overline{\hat{a}} \mu$-, $\overline{\mathbf{v}} \mu$-. See 76, and, for the spiritus asper or lenis in the first person, 57,58 b.
2. Nom. -es in all dialects except Attic-Ionic, where it was

$a$. In late Cretan á $\mu$ '́s was frequently replaced by à $\mu$ '́v under the influence of 1 pl. verbal forms in which Dor. - $\mu$ es was often replaced by the кow
 extended to other pronouns and to participles, as $\frac{\tilde{v} \mu}{\mu} \hat{v}, ~ \tau \tau v e ́ v, ~ a ́ x o v i \sigma a v \tau e v, ~ e t c . ~$
3. Gen. - $\epsilon \omega \nu$ (Hom. $\dot{\eta} \mu \varepsilon \iota \omega \nu$ ), whence $-\epsilon \omega \nu,-\iota \omega \nu$ (9), $-\hat{\omega} \nu$. Lesb. $\dot{a} \mu \mu \varepsilon ́ \omega \nu$, Thess. à $\mu \mu e ́ o \nu \nu, ~ E l . ~ \dot{a} \mu e ́ \omega \nu$, Dor. $\dot{a} \mu e ́ \omega \nu, \dot{a} \mu i \omega \nu$ (Cret.), later $\dot{a} \mu \omega \hat{\omega}$.
4. Dat. - $\iota(\nu)$. Lesb. $a^{\mu} \mu \mu \iota \nu, a_{a} \mu \mu l$, etc., Dor. $\dot{a} \mu i \nu, \dot{v} \mu i \nu$, Att.-Ion. $\dot{\eta} \mu i ̀ \nu, \dot{v} \mu i ̀ \nu$. So Dor. $\sigma \phi \iota \nu, \sigma \phi \iota$, but Att.-Ion. $\sigma \phi i \sigma \iota$, Arc. $\sigma \phi \epsilon \iota \varsigma$, the latter not satisfactorily explained.
5. Acc. - $\epsilon$ in all dialects except Attic-Ionic, where it was replaced by -éas,-âs. Lesb., ăa $\mu \epsilon$, $\tilde{v}^{\mu} \mu \epsilon$, Thess. $\dot{a} \mu \mu e ́, ~ D o r . ~ e t c . ~ \hat{a} \mu e ́, ~ \grave{v} \mu e ́ . ~$

## Possessives

 (Lesb. $\dot{a} \mu \mu \dot{́} \tau \epsilon \rho o s$, Att.-Ion. $\dot{\eta} \mu$ ét $\epsilon \rho o s)$.
2. a. tưo-, Att. etc. oós. b. teuro-, Dor., Lesb. тєós, Boeot. тtós (all in literature only). Both forms in Homer. - Pl. $\hat{\boldsymbol{v}} \mu$ ós and $\hat{\boldsymbol{v}} \mu$ étepos.
3. a. suro-, Att. etc. ös, Cret. fós. b. seưo-, Dor. (lit.), Thess. éós. Both forms in Homer. - Pl. $\sigma \phi$ ós $_{\text {a }}$ and $\sigma \boldsymbol{\phi}$ étepos.

## Reflexive Pronouns

121. Aside from the reflexive use of the forms of the personal pronouns as given in 118, 119, especially that of the third person which is itself a reflexive in origin, various forms of expression are employed, as follows :
122. Combinations of the personal pronouns with aútós, each keeping its own inflection, as in Homer ( $\sigma o i$ avj $\hat{\varphi}$ etc.). So Cret. fiv $a u ̉ \tau \overline{\bar{o}} \iota=\dot{\epsilon} a v \tau \hat{\varphi}$. Cf. also, with the possessive, Cret. $\tau \grave{a}$ fà $a \dot{u} \tau \hat{a} s=$. тà $\mathfrak{e ́ a u \tau \eta ̂ s . ~}$
123. Compounds of the same elements, with contraction, leaving only the second part declined. Att. $\dot{\epsilon} \mu a v \tau o \hat{v}, ~ \sigma \epsilon a v t o \hat{v}$ or $\sigma a v \tau o \hat{v}$, $\dot{\epsilon} a u \tau o \hat{v}$ or $a \dot{v} \tau o \hat{v}$ (also late $\dot{\epsilon} a \tau o \hat{v}, \dot{a} \tau \hat{\omega} \nu$, with $\bar{a}$ from $\bar{u} v$; Coan $\eta \dot{v} \tau \hat{\omega} \nu$ with $\eta$ from $\epsilon a$; Thess. $\epsilon \dot{\jmath} \tau o \hat{\imath}, \epsilon \dot{v} \tau o \hat{v})$. Iọn. (lit.) $\dot{\epsilon} \mu \epsilon \omega v \tau o \hat{v}$ etc. The forms found in Ionic inscriptions are like the Attic, and probably are Attic.
124. aưtós alone, as sometimes in Homer. Thus Delph. aưtov̂=
 $=\dot{\epsilon} a v \tau 0 \hat{v}$ (no. 66).
125. aủtós aủtós, either with each declined separately, or, oftener, merged into compounds of somewhat varying form.

This combination is comparatively late, replacing the earlier types mentioned under 1 and 3. It is most frequent in Delphian and Boeotian, but is found in several of the other West Greek dialects, and probably even in Attic (Kühner-Blass I, p. 600, anm. 5).
a. aủròs av̉rós. Delph. aủvoò đorì aủroús, Boeot. кar' aủrv̀ (= aủroì) aủrต̂v.
 $\mu \varepsilon \tau^{\prime}$ aùroбavт $\hat{\nu} \nu$, Cret. aùroaavroîs, etc.
c. aủaavtós. Delph. av̉ซavtov̂ etc., Boeot. av̉ซavт̂̂v, Cret. aủaavtâs, Argol. (Calauria) aủgavtâs.
d. ááavtós. Boeot. áaavvî (late).
e. av̉owtós. Delph. aưowtâs etc. See 33 a.
f. aưravtós. Heracl. aủravtâs (as in Sophron and Epicharmus), Aegin. à̇tautóv.
g. Sicil. gen. sg. aưroúta (Segesta), gen. pl. av̉ŕ́v̌a (Thermae). Prob-
 the last two syllables.

## Demonstrative Pronouns

122. The article. Nom. pl. $\tau 0 l, \tau a l$, as in Homer, in the West Greek dialects except Cretan, and in Boeotian. Att. etc. oi, ai, after the analogy of $\dot{o}, \dot{\eta}$. For $\dot{o}, \dot{\bar{a}}$ in some dialects which in general have ${ }^{\text {e, see }} 58 a$.

Forms with added $\iota$, used like ö $\delta \epsilon$, are found in Elean ( $\tau 0-t, \tau a-t$ ) and Boeotian ( $\tau a v-i, \tau o l-t, \tau v-i t)$.

For the relative use, see 126.
 $\tau \dot{\alpha} \nu \epsilon$, and, with both parts inflected (cf. Hom. тoî $\sigma \delta \epsilon \sigma \iota$ ), gen. sg.
 Boeot. $\pi \rho о \tau \eta \nu$ í (136.1).-Cypr. ờv, Arc. тávv, тồvv, also (late) $\tau a ́ \nu \nu v \nu, ~ \tau o ́ \sigma \nu \nu \nu . ~ C f . ~ H o m ., ~ B o e o t ., ~ C y p r . ~ \nu v . ~$
124. oṽ $o \mathrm{~s}$. Nom. pl. тô̂тol, $\tau a \hat{\tau} \tau a \iota$, like $\tau 0 l$, $\tau a l$, in West Greek (examples from Cos, Delphi, Rhodes, Selinus). Att. etc. oṽroı, aṽ $a$ a, after oivos etc. Boeotian, with $\tau$ replaced by 'throughout, ovito, $\boldsymbol{o v}^{\tau} \omega \nu$, etc.- Interchange of $a v$ and $o v$. Att. gen. pl. fem. $\tau 0 v{ }^{\prime} \tau \omega \nu$ after masc., neut. ; vice versa El. neut. $\tau a v ́ \tau \omega \nu$, due to influence of $\tau a \hat{\tau a}$. ov throughout is Boeotian (ov̀тo, oṽ $a$ ) and Euboean ( $\tau o v ิ \tau a$, тои́тēt, also év $\nu<\hat{v} \theta a=\dot{e} \nu \tau a \hat{v} \theta a)$. So also Delph. тov̂тa, тoútas (but also tav̂tal). For the spelling with O instead of OV , see $34 a$.
125. 1. ėєєîvos. Ion. кєî̀os, Lesb., Cret., Rhod., Coan $\kappa \hat{\eta} \nu o s$, both from * $\kappa \epsilon \in \in \nu 0 s$. Cf. 25 with $a$. - T $\hat{\nu} \nu 0 s$, of different origin ( ${ }^{*} \tau \in \in \nu 0 \varsigma$ ), in Delphian, Heraclean, Argolic (Aegina), Megarian, as well as in Sicilian Doric writers (Theocr., Sophron, Epicharmus).
2. aủrós. Neut. aủtóv in Cretan, as sometimes in Attic inscriptions.

## Relative, Interrogative, and Indefinite Pronouns

126. The relative ofs occurs in all dialects. But the relative use of forms of the article, frequent in Homer and Herodotus, is usual in Lesbian (so always in the earlier inscriptions and nearly always in Alcaeus and Sappho; ös in later inscriptions is due to кol $\nu \boldsymbol{\eta}$ influence, as shown by the spiritus asper, $\kappa a \theta^{\prime}$ ö $\gamma$, etc.), Thessalian ( $\tau a ́, \kappa a \tau \tau a ́ \pi \epsilon \rho$, but also ós in an early metrical inscription), and Arcado-Cyprian (Arc. ö $\pi \epsilon \rho$, $\tau a \hat{i}, ~ \tau o i ̂ s, ~ e t c ., ~ C y p r . ~ o ̉, ~ \tau o ́ v, ~ e t c ., ~ b u t ~ a l s o ~$
 scription (no. 41), but later only ös (cf. Lesbian). It is also Heraclean ( $\tau o ́ v, \tau \dot{a}$, etc.; so often in Epicharmus), but in most West Greek dialects it occurs, if at all, only in later inscriptions (so in late Delphian and Cretan, never in the earlier period).

For the demonstrative use of ös, cf. Heracl. $\dot{a} \iota \mu$ èv $\ldots \dot{a} \iota \delta \dot{\epsilon}$ (I.33).
127. Cret. öтєpos, which of two, is the true relative correlative of тóтєpos (cf. Skt. yataras beside kátaras), and so related to the

128. тís, $\tau \iota \varsigma$. Cypr. $\sigma \iota \varsigma$, Arc. $\sigma \iota \varsigma$, see 68.3, Thess. $\kappa i ́ s, \kappa \iota \varsigma$ (кıves), see 68.4. Cret. dat. sg. $\tau \bar{\iota} \mu \iota$, in ǒ $\tau \iota \mu \iota=o ̋ \tau \iota \nu \iota$, and $\mu \hat{\eta} \delta \iota \mu \iota=\mu \tilde{\eta} \tau \iota \nu \iota$, from ${ }^{*} \tau \iota-\sigma \mu \iota$ with the same pronominal $s m$ as in Skt. kasmin, $k a s m a ̄ i$, Umbr. pusme, esmei, etc.- Meg. (Ar.) $\sigma a^{\prime}=\tau i v a$ from ${ }^{*} \tau \iota a$, cf. Att.-Ion. ${ }^{\circ} \tau \tau a, ~ a ̆ \sigma \sigma a$ from ${ }^{*} \dot{a} \tau \iota a$.
129. The indefinite relative ö $\sigma \tau \iota \varsigma$, ö $\tau \iota \varsigma$.

1. ö $\sigma \tau \iota \varsigma$, with both parts declined, in various dialects, e.g. Locr. holtıves, Cret. ol̈tıves, Boeot. ${ }^{\circ} \sigma \tau \iota \nu a s$.
2. ö $\tau \iota \varsigma$, with only the second part declined, in various dialects, e.g. Delph. ö $\tau \iota \nu o s$, õ $\tau \iota \nu \iota$, Cret. ő $\tau \iota \mu \iota(128)$. Lesb. ő $\tau \tau \iota$, regularly from
 In all other dialects the double consonants are simplified, presumably under the influence of the simple $\tau i^{\prime}$ etc.
a. On account of Locr. fórt (no. 56) it is generally assumed that the first part of örcs is not from a form of the relative stem seen in ös, öctus, which was originally $\iota_{0}$ - (Skt. ya-), but a generalizing particle $\sigma_{f} \boldsymbol{\delta}$, related in form and use to the so in Eng. whoso, whosoever (Old Eng. swā hwā swāa). But so long as the one occurrence of Locr. forrt is the only example of a form with $f$ (even the other early Locrian inscription, no. 55, has hórt), there is decidedly a possibility that this is only an error.
3. Neuter forms in $-\tau \iota$, with only the first part declined, in Cre-

4. Cret. $\dot{\text { ó } \tau \epsilon i o s ~}=\boldsymbol{o} \pi$ oîos, but used like adjectival ö $\sigma \tau \iota \varsigma$, as
 $\delta \grave{\epsilon}$ (sc. $\gamma v \nu a \iota \kappa i) \pi \rho \delta \theta \theta^{\prime}$ ё $\delta \bar{o} \kappa \epsilon$. For the form (also Hesych. $\tau \epsilon \hat{i o \nu}$ тoîov, K $\rho \eta$ च̂тes), cf. Hom. тéo, тé $\varphi$, etc.
5. Interrogative pronouns used as indefinite relatives. So regu-
 form $\delta \iota a ̀ ~ \tau i ́)=\delta \iota o ́ \tau \iota, \pi \grave{o} \kappa \kappa i ́(i n ~ f o r m ~ \pi \rho o ̀ s ~ \tau i ́)=$ ö $\tau \iota, \phi \nu \lambda a ̂ s ~ \pi o i ́ a s ~ \kappa \epsilon ~$


 tive force is given by the ơ $\pi \iota$, an adverbial form of obscure formation.

## ADVERBS AND CONJUNCTIONS

Pronominal Adverbs and Conjunctions of Place, Time, and Manner
132. 1. -ov. Place where. Att.-Ion. тov̂, öтov, aủ $o \hat{v}, ~ o ̂ \mu o \hat{v}, ~ e t c . ~$ These are of genitive origin, and are specifically Attic-Ionic.
2. -є. Place where. These are the West Greek equivalents of the Attic-Ionic adverbs in -ov (above, 1), occurring in various Doric dialects, in Delphian, and in Boeotian, e.g. $\epsilon \boldsymbol{\imath}, \pi \epsilon \hat{\imath}, \pi \epsilon \iota$ (Cret. aľ $\pi \epsilon \iota=$
 $\mu \eta \delta a \mu \epsilon \hat{i}, ~$ ò̇ $\theta a \mu \epsilon \hat{i}$. Here also, by analogy, Heracl. $\pi о \tau \epsilon \chi \epsilon \hat{\imath}=\pi \rho o \sigma \epsilon-$ $\chi \hat{\omega} \varphi$, and Delph. $\dot{\epsilon} \pi \epsilon \chi \dot{\chi \epsilon} \hat{i}$. The ending is of locative origin, and occurs even in Attic-Ionic in éкeî (cf. also ém $\boldsymbol{\epsilon} \boldsymbol{\imath}$ ).
3. -oı. Place whither (also where). oi, moî, õ $\pi \circ \iota$, etc. in numerous dialects, as in Attic. With -s, Delph. ois. Cf. also Orop. $\eta^{\eta} \chi$ ou, where, formed from $\hat{\eta} \boldsymbol{\chi} \iota(5 a)$. This ending, like $-\epsilon \iota$, is of locative origin, and means simply place where (cf. oĭкоє, 'I $\sigma \theta \mu \circ \hat{\imath}$ ), but in these pronominal adverbs the prevailing force is whither.
4. -vı. Place whither (also where). Cret. vi, ǒтvı, with -s, giving -vıs or -च̄s, Rhod. vis, Arg. v̂s (for whatever purpose), lit. Dor. mîs,
 $\pi \boldsymbol{\eta} \lambda \nu \iota$, ă $\lambda \lambda \nu \iota$, Delph. eै $\nu \delta \nu s$. This type originated in ${ }^{*} \pi v \hat{\imath}$, ö $\pi v \iota$, from the stem $\pi v$ - (I.E. $q{ }^{u} u-$, cf. Skt. $k u$-tas, whence, Osc. pu-f, where).
5. - $\bar{\iota} \iota$ (Att.-Ion. - $\iota \iota$. Place where, whither, and especially manner. Thus $\dot{a} \ell, \pi \hat{a} \iota$, öт $\boldsymbol{\pi} \boldsymbol{\iota}$ how and where in various Doric dialects, in Delphian whither, Lesb. о̌т $\pi a$ where, ẳ $\lambda \lambda a$ elsewhere ( $\bar{a}$ from $-\bar{a} \iota$, see 38), Cret., Corcyr. à $\lambda \lambda \hat{\imath} \iota ~ o t h e r w i s e, ~ H e r a c l . ~ \pi a \nu \tau a ̂ \iota ~ i n ~ a l l ~ d i r e c-~$ tions. The indefinite maı (cf. Corcyr. à $\lambda \lambda \hat{a} \iota ~ \pi a \iota ~ i n ~ a n y ~ o t h e r ~ w a y) ~$ is used in Cyprian as a strengthening particle, anyhow, indeed (cás maı, and indeed, iסé mą, then indeed, no. 19.4,12). Cret. al, o้тa८ are used in the sense of as, in whatever way, but also as final conjunctions, and $\boldsymbol{Z} \iota$ is also used as a temporal conjunction.
a. Beside these dative-locative forms in $-\bar{\alpha} \ell$ there existed a type with original $-\bar{\alpha}$ (Att.-Ion. $-\eta$ ), probably of instrumental origin, to which belong Lac. тavtâ hât' = тaúry ที่ $\epsilon$, in such a way as (no. 66), Dor. åxı, where (Etym.

Magn., Hesych.) $=$ Hom. $\boldsymbol{\eta}_{\chi}$, with particle $-\chi \iota$. But for the most part it is impossible to distinguish this from the commoner type in original $-\bar{\alpha}$, to which many forms in $-\bar{\alpha}$ may equally well belong (as such we have reckoned Lesb. ö $\pi \pi a$ etc.). In Attic-Ionic there is the same ambiguity (the traditional spelling varying between $-\eta$ and $-\eta$ ), with the added possibility that a given form (e.g. ön $\boldsymbol{\eta}$, where) may belong under 6, below.
6. - $\boldsymbol{\eta}$. Place where and time when. Cret. $\boldsymbol{\eta}$, where, but usually
 тav́т $\bar{\epsilon},[\tau] \hat{\bar{e}} \delta \epsilon$, in this place, Meg. т $\hat{\bar{e}} \delta \epsilon$, a้้ $\lambda \lambda \bar{e}$, here, elsewhere. Of this

7. $-\omega$. Place whence (Att.-Ion. $-\theta \epsilon \nu$ ). Lit. Dor. $\dot{\omega}, \pi \hat{\omega}$, etc., Cret.
 folk $\omega$, from the house. These are of ablative origin (I.E. -od, cf. early Lat. $-\bar{o} d$, Skt. $-\bar{a} d$ ).
a. These adverbs are not to be confounded with another class, mostly from prepositions, meaning place where or whither and occurring in Attic-
 éкатép $\omega$, on each side of (cf. éкабтép $\omega$ ).
b. Although probably all the West Greek dialects formed the pronominal adverbs of place whence in $-\omega$, forms like $\delta \theta c v$ being late, the $-\theta e v$ appears in
 Cf. also 133.1.
8. $-\omega \varsigma$. Manner. $\dot{\omega}, \pi \hat{\omega} \varsigma, o ̃ \pi \omega \varsigma$, etc. in all dialects.
a. Final conjunctions. $\dot{\omega}$ and ö $\pi \omega$ s are the usual final conjunctions, and of these ö $\pi \omega$ s is by far the more frequent, though $\dot{\omega}$ is not uncommon, especially in the earlier inscriptions. Early Cretan uses neither, but rather

9. -тє, -та,-ка. Time when. öтє, то́тє, то́тє in Attic-Ionic and
 bian, öка etc. in West Greek (and presumably Boeotian), e.g. Cret. ӧка, то́ка, тока, Lac. тє̂́тока, El. то́ка, Delph. ӧка, -тока. (ӧкка, occurring in Rhodian, Laconian, and literary Doric, is for öка кa.) Even Attic has $-\tau a$ and $-\kappa a$ in some words, as cilva, ë $\pi \epsilon \iota \tau a$ (Ion. also ëтєเтє), $\mathfrak{\eta} \nu i \kappa a$.
a. Temporal conjunctions. Besides ötc etc. and èmeí (above, 2), note the temporal use of Cret. $\left.\dot{\alpha}, \boldsymbol{\eta}, \begin{array}{c}o ̈ \pi \bar{\epsilon} \\ \text { (above, } 5,6)\end{array}\right)$ For so long as, until, we find
 Arc. $\mu \epsilon \sigma \tau^{\prime}$, Thess. $\mu \in ́ \sigma \pi \sigma \delta \iota, ~ H o m . ~ \mu e ́ \sigma \phi a, ~ a l l ~ r e l a t e d, ~ b u t ~ o f ~ o b s c u r e ~ f o r m a-~$
 (cf. 136.1).

## Prepositional and Other Adverbs

133. 134. $-\theta \epsilon \nu,-\theta \epsilon,-\theta a$. In adverbs like $\pi \rho \delta \sigma \theta \theta \epsilon \nu$, Lesbian has usually $-\theta \epsilon$ (nearly always in inscriptions; in the lyric also - $\theta \epsilon \nu$ and $-\theta a$ ), while the West Greek dialects show $-\theta a$ (which is also Attic in ề $\nu \theta a$ etc.), but also $-\theta \epsilon,-\theta \epsilon \nu$. Lesb. $\pi \rho \delta \delta \sigma \theta \epsilon$, ěv $\tau \rho \theta \epsilon$, Dor. (gram.) $\pi \rho o ́ \sigma \theta a$ etc., Heracl. ề $\mu \pi \rho o \sigma \theta a, ~ a ̆ ้ \nu \omega \theta a$, Cret. $\pi \rho o ́ \theta \theta a(85.3)$, Delph. $\pi \rho \dot{\sigma} \sigma \tau a$ (85.1), but also Meg. $\pi \rho o ́ \sigma \theta \in$, Argol. é $\mu \pi \rho o \sigma \theta \in$, Cret. év $\delta o \theta \epsilon \nu$. Cf. also Arc. $\pi \rho o \sigma \theta a \gamma \epsilon \nu \eta{ }^{\prime} s$.
1. $-\delta \epsilon(-\zeta \epsilon),-\delta a$. Arc. $-\delta a$ is seen in $\theta u ́ \rho \delta a(H e s y c h)=.\theta u ́ \rho a \zeta \epsilon$, and probably $\dot{a} \nu \bar{o} \delta \delta^{\prime}\left(\right.$ no. 16.17) is ${ }^{2} \nu \omega \delta a$. Cf. ă $\nu \omega \theta \in \nu$, ă $\nu \omega \theta a$.
2. For Delph., Locr. é $\chi$ Ó's = èккоós, see 66. Hence, after the analogy of other adverbs in $-\omega$ (132.7 a) and -ol (132.3), Delph., Epid. ë $\chi \theta \omega$, Epid. ë $\chi \theta$ oo.
3. From ề $\nu \delta o \nu$ are formed - besides Att.-Ion. ěv $\boldsymbol{\delta} \delta o \theta \in \nu$ (also
 (after èvtós), Delph. ề $\delta \delta \omega$, Lesb., Epid., Syrac. ěvסoı, Delph. ëvסטs.
4. Beside $\begin{gathered} \\ \xi\end{gathered} \omega(132.7$ a) are formed, after the analogy of other
 etc., cf. èv $\nu o ́ s)$.
5. $-\iota \varsigma,-\iota \nu,-\iota$. Forms with adverbial $-s$ or $-\nu$ sometimes interchange with each other and with forms without either $-s$ or $-\nu$, as the numeral adverbs in $-\kappa \iota \varsigma,-\kappa \iota \nu$, $-\kappa \iota$. Thus in most dialects $-\kappa \iota s$,
 $\dot{\delta} \theta \theta \dot{\alpha} \kappa \iota \nu=\dot{\sigma} \sigma \dot{\alpha} \kappa \iota \varsigma$. Likewise $-\iota \nu$ in other adverbs of time (cf. Att. $\left.\pi a^{\prime} \lambda \iota \nu\right)$, as Cret. aủ $\tau \iota \nu$, Rheg. $a \hat{v} \theta \iota \nu$ (Hdn.) $=a \hat{\imath} \tau \iota \varsigma$, $a \hat{v} \theta \iota \varsigma$, $a \dot{v} \theta \iota$, Cret. $a \dot{u} \tau a \mu e ́ \rho \iota \nu=a \dot{v} \theta \eta \mu \epsilon \rho o ́ v, \mathrm{El}$. $\boldsymbol{v} \sigma \tau a \rho \iota \nu=\tilde{v} \sigma \tau \epsilon \rho o \nu$. Here also
 under perpetual lease) = usual aiés, aieí, aiév (all from *aifl, *ai$f\left(\nu,{ }^{*} a i_{f} e ́ s\right.$, etc., cf. Cypr., Phoc. aiffi), while a corresponding form in ths is to be seen in Cypr. $\dot{v}_{f} a / s$, forever, a combination like Att.
 liar, but cf. maîs, 53).

Cf. also Epid. ăvevv, El. ăvevs = ăvev (Meg. and late lit. ăvııs is formed after $\chi \omega \rho(\varsigma)$, Dor. ${ }_{\epsilon}^{c} \mu \pi \bar{a} \nu$ (Pindar) beside ${ }_{\epsilon}^{c} \mu \pi \bar{a} \varsigma=\stackrel{\dddot{c}}{\mu} \mu \pi \eta \varsigma$, Coan, Rhod., Ther. $\epsilon \mathfrak{\xi} \hat{a} \nu=\dot{\epsilon} \xi \hat{\xi} \hat{y}$.
134. 1. The conditional conjunction. $\epsilon i$ in Attic-Ionic and Arcadian ; ai in Lesbian, Thessalian, Boeotian ( $\dot{\eta}$ ), and all the West Greek dialects; $\boldsymbol{\epsilon}^{\boldsymbol{\epsilon}}(\vec{\eta})$ in Cyprian.
a. $\dot{\eta}$ in other dialects than Cyprian is simply whether, e. g. Heracl. Tab. (no. 74) I.125. In Cretan there is no true conditional $\dot{\eta}$ beside $a \dot{i}$, as was once supposed, but rather a temporal $\boldsymbol{\eta}$, for which see 132.6.
2. ä้ $\nu, \kappa \in, \kappa a$. ă $\nu$ is only Attic-Ionic and Arcadian. In all other dialects the unrelated $\kappa \epsilon, \kappa \boldsymbol{a}$ is used, - $\kappa \epsilon$ in Lesbian (also $\kappa \epsilon \nu$ ), Thessalian, and Cyprian, $\kappa a$ in the West Greek dialects and Boeotian.
a. Arcadian once had кє, like Cyprian, and a relic of this is to be seen in the $\kappa$.which appears, where there would otherwise be hiatus, between $\boldsymbol{\epsilon}$ and a following äv, which had regularly replaced $\kappa \in$ as a significant element (probably through prehistoric Ionic influence, cf. p. 7). Thus regularly eil

 some assume a significant $\kappa$ ' in place of usual áv, but best classed with the subjunctive clauses without äv (174).
 to ${ }^{\text {nv }}$.
c. The substitution of $\boldsymbol{c}$ for ai belongs to the earliest stage of Attic ( $\kappa$ ouv') influence in the West Greek dialects, but that of àv for ca only to the latest, being rarely found except where the dialect is almost wholly кocm $\eta^{\prime}$. Hence the hybrid combination $\boldsymbol{c}^{\boldsymbol{i}} \kappa \alpha$ is the rule in the later inscriptions of most West Greek dialects.
 of which (as of the rare Cypr. $\kappa a \tau^{\prime}$ ) to $\kappa a l^{\prime}$ is obscure. In Arcadian this occurs only in the early Mantinean inscription, no. 16, elsewhere cal. See 275.
4. $\delta e ́$. Thessalian uses $\mu a ́$, related to $\mu e ́ v$, for $\delta e ́, ~ e . g . ~ т o ̀ ~ \mu a ̀ ~ \psi a ́-~$
 l. 45 is due to кoıv ${ }^{\prime}$ influence).
5. $\nu v$, identical with $-\nu v$ in Arc.-Cypr. övv=ö $\delta \epsilon$ (123), and with Hom. $\nu v \nu, \nu v$, occurs as an independent particle in Cyprian and

6. iठé, in form = Hom. i $\delta e ́$, occurs in Cyprian introducing the conclusion of a condition (iठé $\pi$ al then indeed, iסé then no.19.12,25), or a new sentence (iठé and no.19.26).

## - PREPOSITIONS

## Peculiarities in Form

135. 136. For apocope of the final vowel, see 95.
1. For assimilation of final consonants, see 96, 97, 99. - és = èк, 100.
 $=\kappa a \tau a^{\prime}, 22 .-\dot{v} \pi a^{\prime}=\dot{v} \pi \delta^{\prime}$, formed after the analogy of $\kappa a \tau a^{\prime}$ etc., in Elean (ìmaסvyiocs) and Lesbian (gram.).
2. $\boldsymbol{\epsilon} \nu, \epsilon i s$. The inherited use of $\dot{\epsilon} \nu$ with the accusative (cf. the use of Lat. $i n$ ) is retained in the Northwest Greek dialects (El., Locr., Phoc.; but once ${ }^{\prime}$ 's in an early Delphian inscription, no. 50) together with Boeotian. and Thessalian, and in Arcado-Cyprian (iv). Elsewhere this was replaced by an extended form èv-s, whence $\epsilon i s$, 's. See 78.

Similarly ề $\nu \tau \epsilon=\boldsymbol{\epsilon} \sigma \tau \tau \epsilon$ in Locrian, Delphian (hévtє, $58 c$ ), and the
 $=\boldsymbol{\epsilon} \sigma \tau \epsilon$.
5. $\mu \epsilon \tau a^{\prime}, \pi \epsilon \delta a^{\prime} . \pi \epsilon \delta a^{\prime}$, unrelated to $\mu \epsilon \tau a^{\prime}$ in origin, is used in its place in Lesbian, Boeotian (probably in Thessalian too, though not yet quotable), Arcadian ( $\pi \epsilon$ é, 95), Argolic, Cretan, and Theran. (Most of these dialects show also $\mu \epsilon \tau a ́$, but at a time when кot $\nu \eta$ influence is probable.) So also in compounds, as Cret. $\pi \in \delta \in \chi \chi \epsilon \nu$, Arg.
 names, as Boeot. Пє $\delta \dot{\alpha} \kappa \omega \nu$, Argol. Пe $\alpha^{\prime} \kappa \rho \iota \tau o s$. The name of the month $\Pi \epsilon \delta a \gamma \epsilon i \tau \nu v o s$ or (by fusion of $\Pi \epsilon \delta a$ - and Meтa-) Пєтa-


Calymna, Megara, Sicily, and Magna Graecia, where $\pi \epsilon \delta a ́ a l o n e ~ i s ~$ not attested.
6. $\pi \rho o{ }^{\prime}$. There are two independent series of forms, one with and one without the $\rho$, each with variation between final $-s$ and $-\tau \iota$. 1) Hom. $\pi \rho o \pi i '$ (cf. Skt. prati), Cret. $\pi o \rho \tau i(70.1)$, Att.-Ion., Lesb.
 $p a{ }^{i t i}$ ) in the West Greek dialects (except Cretan) with Thessalian and Boeotian, Arc-Cypr. mós.
a. Although the relation of $\pi \rho o \rho_{s}, \pi$ ós to $\pi \rho o r i$, , $\pi o r i ́ c$ can hardly be the same in origin as that of $\delta i \delta \omega \sigma c^{2}$ to $\delta i \delta \omega \tau \iota$ ( $\pi \rho \sigma \sigma i$, $\pi \sigma \sigma i$ are unknown, and moreover the assumption of apocope is unlikely for Att.-Ion. $\pi$ poós), and indeed is far from clear, yet, barring the appearance of $\pi \rho o r i$, $\pi 0 \pi i$ beside $\pi \rho o{ }^{\prime}$ in Homer, the distribution of the $\tau$ and $\sigma$ forms is the same. See 61. But note that $\pi \rho_{o ́ s}$ is universal in $\pi \rho_{o ́ \sigma \theta a}$ etc. (133.1).
b. Another form, $\pi o^{\prime}$, is most frequent in Argolic, where it occurs regu-
 $\pi \sigma^{\prime}$ autóv). There are also several examples in Delphian, all before dentals except поккерáracov, and one each in Locrian, Corinthian, Cretan, and Boeotian (Hoíduos, very likely an alien).

Just how this nó arose is uncertain. Of the various suggestions offered, the most plausible is perhaps, since with but few exceptions moi occurs only before dentals, that $\pi$ ori became $\pi$ ó through loss of $\tau$ by dissimilation.


 Probably cognate with Skt. ud, Engl. out (cf. $\tilde{v} \sigma-\tau \epsilon \rho o s=$ Skt. uttaras). There are traces of the same prefix in a few Rhodian and Boeotian proper names.

## Peculiarities in Meaning and Construction

136. 137. Dative instead of the usual genitive construction in




$\tau a i ̂ ~ \pi o ́ \lambda \iota .-6) \pi a \rho a^{\prime}$. Arc. $\pi a \rho a ̀ ~ \tau a i ̂ ~ i \delta i ́ a \iota ~ \pi o ́ \lambda \iota, ~ f r o m ~ t h e i r ~ o w i n ~ c i t y . ~$

$\dot{\epsilon} \xi$ with dative occurs also in Pamphylian; $\pi \rho o ́$ with dative in
 ìmijò $\tau a ̂ \varsigma, ~ s c . a ̉ \mu e ́ \rho a s, ~ j u s t ~ p r e v i o u s l y, ~ n o . ~ 28.43, ~ a n d ~ B o e o t . ~ e ̇ \nu ~ \tau a ́ \nu, ~$ sc. ả $\mu$ épà, until', no. 43.49).
a. This growth, at the expense of the genitive, of the dative (locative) construction, which in the case of most of the above-mentioned prepositions was also an inherited one (cf. $\pi \epsilon \rho^{\prime}$, vinó, etc. with dative), and its extension even to $\dot{\alpha} \pi \dot{v}$ and $\dot{\xi} \xi$, was probably furthered by the influence of the most frequent locative construction, that with $\dot{\boldsymbol{e} v}$ (iv).
1. mapá at, with, with accusative instead of dative. This is found in the Northwest Greek dialects, including Thessalian and Boeotian, and in Megarian and Laconian, e.g. Thess. тô̂ $\pi a \rho$ ' à $\mu \mu \epsilon ̀ ~ \pi o \lambda \iota \tau \epsilon v ́ \mu a-$ тos (no. 28; corresponding to $\tau 0 \hat{v} \pi a \rho$ ' $\dot{\mu} \mu \hat{\nu} \nu \pi о \lambda \iota \tau \epsilon v ́ \mu a \tau o s$ of Philip's letter in the кoıv ${ }^{\prime}$ ), Boeot. $\dot{a}$ бoúyypaфos $\pi d ̀ \rho$ Fıфıádav, Delph. $\pi a-$

a. Much later, and rarely seen in dialect inscriptions, is the more general confusion between the dative with verbs of rest and the accusative with verbs of motion, and the final supremacy of the accusative construction, as ueluav cis tòv otkov.
2. $\pi \rho o{ }^{\prime}$, by, in the sight of, with accusative instead of genitive,

 he shall be judged guilty in the eyes of Zeus. In a later Elean inscription the same idea is expressed by фevyét $\pi \grave{o}(\tau) \tau \hat{\omega} \Delta l o ́ \rho$ $\tau \omega \lambda \nu \mu \pi i \omega$ aì $\mu a \tau o \rho$, where both the genitive construction and the use of $\phi \epsilon v^{\prime} \gamma \omega$ instead of the genuine Elean $f$ éppo are concessions to Attic usage. This Elean use is only a step removed from that of mpós, in relation to, with accusative.

3. кãá, according to, with genitive instead of accusative, in Locrian. $\kappa a \theta^{\prime} \dot{\omega}=\kappa a \theta^{\prime} \ddot{a},-\kappa \dot{d}(\tau) \tau o ̂ \nu \delta \epsilon=\kappa a \tau d े \tau a ́ \delta \epsilon,-\kappa d(\tau)$

4. $\dot{e} \pi l$ with the dative of the deceased person, in epitaphs. This occurs in a few early epitaphs in Lesbian, Phocian, and Locrian, but
 $\beta a \epsilon$. In most dialects the name of the deceased appears in the nominative.
5. $\dot{a} \mu \phi \hat{i}$. In most dialects $\dot{a} \mu \phi{ }^{\prime}$ is obsolete. In the phrase oi $\dot{a} \mu \phi \ell \tau \iota \nu a$, which survives also in Attic prose, it occurs in Argive and Rhodian ; in Argive also once in purely local force. In Cretan it is used freely in the meaning about, concerning (as in Homer),
 contend about a slave, - à $\nu \pi i ̀ \tau d \nu \delta a i ̂ \sigma \iota \nu, a b o u t ~ t h e ~ d i v i s t o n . ~$
6. àvtí. Besides the usual meanings instead of, in return for, which are found everywhere, the following uses are worthy of note. 1) The original local meaning, before, in front of, occurs in an Attic and in a Delphian inscription. So frequently Cret. à ati $\mu a \iota-$ túpōv, in the presence of witnesses. 2) From the use of à $\boldsymbol{a} \boldsymbol{l}$, in return for, with verbs of buying, selling, etc., arose a freer distribu-
 fine of three obols for each (wagon). So Delph. ảvil féteos (no. 51 A 45 ) is probably for each year, yearly (cf. Hesych. à $\nu \tau i \mu \eta \hat{\eta} a$. $\kappa a \tau d \dot{d} \mu \mathrm{\nu} \nu$ ), though generally taken as in course of the year, in the
 explained otherwise. Coan à avi עuктós (no. 101.43), during the night, though without distributive force is perhaps of the same

7. $\boldsymbol{\epsilon} \boldsymbol{\xi}$. An extension of the regular use of $\boldsymbol{\epsilon} \boldsymbol{\xi}$ (or $\dot{a} \pi \sigma_{0}$ ) with the genitive to denote material and source, is seen in certain expres-
 with a crown worth 1000 drachmas, - Ion. $\sigma \tau \epsilon \phi a \nu \omega ̂ \sigma a \iota ~ M a v ́ \sigma \sigma \omega-~$
 $\delta a \rho \epsilon \iota \kappa \omega ิ \nu$, crown Maussolus with a crown worth fifty darics, Artemisia with one worth thirty, - Att. крı日ज̂ע . . . $\pi \rho a \theta \epsilon \iota \sigma \hat{\omega} \nu$ èc
 drachmas a medimnus, and even more freely Ther. mupêv éy
 two of barley.
8. Noteworthy combinations are Thess. $\boldsymbol{i} \pi \pi \rho o{ }^{\prime}, j u s t ~ b e f o r e, ~ a n d ~$
 and on occasion of, hence emphatic just for, in particular for.

## VERBS

## Augment and Reduplication

137. Most peculiarities are such as are due to divergence in the form of contraction where a consonant has been lost (eixov or $\boldsymbol{\eta} \chi \chi^{\circ} \nu$, cf. 25), or in the treatment of consonant groups, as Att. $\epsilon^{i} \lambda \eta \phi a$, Phoc. $\epsilon i \lambda a ́ \phi \epsilon$, from ${ }^{*} \sigma \epsilon ́ \sigma \lambda \bar{a} \phi a(76$ b), but Ion., Epid. $\lambda \epsilon \lambda a ́ \beta \eta \kappa a$ after $\lambda e ́ \lambda o \iota \pi a$ etc. with original initial $\lambda$, Arg. $\boldsymbol{\epsilon \epsilon} \boldsymbol{\epsilon}^{\rho} \bar{\epsilon} \mu \in ́ v a$, but Att.-

 Note also Cret. $\boldsymbol{\eta} \gamma \rho a \mu \mu a \iota$, with which compare $\ddot{\eta} \theta \epsilon \lambda o \nu, \eta{ }_{\eta} \beta o v \lambda o ́ \mu \eta \nu$.

## Active Personal Endings

138. 139. Second singular. The original primary ending -si (Skt. $-s i)$ is preserved in Hom., Syrac. $\dot{\epsilon} \sigma \sigma \boldsymbol{l}$, also in Epid. $\sigma v \nu \tau i \theta \eta \sigma \iota$, and so perhaps regularly in West Greek dialects (inscriptional examples of the second singular are, naturally, very rare), the retention of intervocalic $\sigma$ being due to the analogy of $\dot{\epsilon} \sigma \sigma l$. But in the East Greek dialects, where $3 \mathrm{sg} . \tau i \theta \eta \tau \iota$ became $\tau i \theta \eta \sigma \iota(61.1)$, $\tau i \theta \eta \mathrm{~s}$ etc., with secondary ending, were employed.

Thematic $\phi$ épeıs etc. in nearly all dialects, but there is some evidence of $\phi$ épes, probably due to the secondary eै $\phi \epsilon \rho \in s$, in Cyprian (glosses of Hesych.) and Doric (Theocr. and gram.).

Also $-\sigma \theta a$, starting from oi $\sigma \theta a, \boldsymbol{\eta} \sigma \theta \dot{a}$, with the original perfect ending $-\theta a$, is widely used in literary Lesbian and Doric, as in Homer ( $\tau(\theta \eta \sigma \theta a, \beta a ́ \lambda o \iota \sigma \theta a$, etc.).
2. Third singular. The original primary ending -ti (Skt. -ti) is preserved in West Greek $\tau i \theta \eta \tau \iota$, $\delta i \delta \delta \omega \tau \iota$, etc., whence East Greek $\tau i \theta \eta \sigma \iota, \delta \iota \delta \omega \sigma \iota$. See 61.1. Thematic $\phi \in ́ \rho \epsilon \iota$ etc. in all dialects.
3. First plural. West Greek - mes (cf. Skt. -mas, Lat. -mus from $-m o s)$, originally the primary ending, - East Greek - $\mu \epsilon \nu$, originally the secondary ending. See $223 a$.
4. Third plural, primary. West Greek - $\nu \tau \iota$ (Skt. $-n t i$ ), East Greek $-(\nu) a \iota$. Thus, in thematic verbs, West Greek $\phi$ épòtı, Boeot., Thess. фépovOl (139.2), Arc. фépoval, Lesb. (and Chian) фépoıбı, Att.-Ion. фépovar. See 61.1, 77.3.

So also in $\mu \iota$-verbs, West Greek èv $\boldsymbol{i} i, \phi a \nu \tau i, \tau i \theta \epsilon \nu \tau \iota, \delta l \delta o \nu \tau \iota$, whence Att.-Ion. $\boldsymbol{\epsilon i \sigma} \boldsymbol{i}, \phi \bar{a} \sigma l$, Ion. (with the accent of contract forms, see 160) $\tau \iota \theta \epsilon \hat{i} \sigma \iota, \delta \iota \delta o v \hat{\sigma}$. But Att. $\tau \iota \theta e ́ a ̄ \sigma \iota, \delta \iota \delta o ́ a ̄ \sigma \iota$, etc. represent a later formation, with $-a \nu \tau \iota(-\bar{a} \sigma \iota)$ added to the final vowel of the stem, as also in Boeot. perf. $\delta \epsilon \delta o ́ a \nu \theta c$. Cf. Boeot. é $\theta \in a \nu$ etc., below, 5 .

In the perfect the earliest type is that in -ăть (-nti, Skt. -ati in redupl. pres. dadhati), whence also -ăбı. Thus Phoc. íєpचтєúкать,
 dialects this is replaced by -avтı, as Cret. $\dot{\epsilon} \sigma \tau a ́ \lambda \kappa a \nu \tau \iota$, Att.-Ion. $-\bar{a} \sigma \iota$. Late inscriptions of various dialects have also the secondary $-a \nu$, as Cret. é $\sigma \tau a \lambda \kappa a \nu$.
5. Third plural, secondary. - $\nu$ (from $-n t$ ) in eैф $\epsilon \rho o \nu$ etc. So also in the $\mu c$-forms, as é $\theta \in \nu$, é $\delta o \nu$, which are retained in most dialects, as in Homer. Likewise pass. è $\lambda \dot{v} \theta \epsilon \nu$, è éér $\boldsymbol{\nu}$ (from - $\eta \nu \tau$, with regular shortening), but also sometimes $-\eta \nu$ (with $\eta$ from the other persons), as Hom. $\mu \iota a \dot{\nu} \theta \eta \nu$, Cret., Epir. $\delta \iota \in \lambda$ ér $\eta \nu$, Corcyr. $\mathfrak{e} \sigma \tau \epsilon \phi a \nu \omega \dot{\theta} \eta \eta \nu$, Delph. $\dot{a} \pi \epsilon \lambda \hat{v} \theta \eta \nu$.

But Attic-Ionic has ě $\theta \epsilon \sigma a \nu$, é éooav, è $\lambda \hat{\prime} \theta \eta \sigma a \nu$, etc., with - $\sigma a \nu$ taken over from the $\sigma$-aorist, as also $\boldsymbol{\eta} \sigma a \nu$, where most dialects have $\boldsymbol{\eta} \nu(\mathbf{1 6 3 . 3}, 4)$. Similarly $-\nu$ is replaced by $-a \nu$ (also mainly after aorist

 and in Thessalian by $-\epsilon \nu$ (an inherited ending seen in Hom. $\boldsymbol{\eta} \in \nu$, or
 òvé $\theta \epsilon \iota \kappa a \nu$ ), and, with diphthongal aı from aє, à $\nu \epsilon \theta \epsilon i ́ \kappa a \iota \nu$, é éákaıv (cf. $\dot{\epsilon} \delta \omega \dot{\kappa} \alpha a \iota \nu$, probably due to Thessalian influence, in a Delphian inscrip-

a. In the кow ${ }^{\prime}$ the ending - $\sigma a v$ spread even to thematic forms and to the optative, and such forms occur in late inscriptions of various dialects, e.g.

6. Third dual, secondary. Att.-Ion. $-\tau \eta \nu$, elsewhere $-\tau \bar{a} \nu$, e.g. Boeot. à $\nu \epsilon \theta \in ́ \tau a \nu$, Epid. à $\nu \in \theta \eta \kappa a ́ \tau a \nu$. Similarly 1 sg. mid. Att.-Ion. $-\mu \eta \nu$, elsewhere $-\mu \bar{\omega} \nu$.

## Middle Personal Endings

139. 140. Third singular. Primary - $\tau a l$, Boeot. $-\tau \eta$ (26), Thess. -тє८ (27). Arcadian has -тot (perhaps also Cyprian, but not quotable), due to the influence of the secondary - $\tau 0$ (before its change to -тv), e.g. үévךтoı, סéaтol, ßó̀ēтoc. Cf. also $2 \mathrm{sg} . \kappa \epsilon i ̂ o \iota=\kappa \epsilon i ̂ \sigma a l, ~$ and 3 pl. $-\nu \tau o c$ is to be assumed, though not quotable.

Secondary - $\tau 0$, Cypr. - $\tau v$ (22).
2. Third plural. Usually $-\nu \tau a \iota,-\nu \tau o$. But also -atal, -ato, mostly
 but also after a vowel in Boeotian ( $-a \theta \eta$, see below); ; and so regularly in Ionic in the perfect (e.g. Hom. $\beta \epsilon \beta \lambda$ ท́a $a \iota$, later cipéa $a \iota$, contracted $\epsilon i \rho \hat{\jmath} \tau a \iota$ ), pluperfect, and optative, and even in unthematic presents and imperfects, e.g. т८日́́áal and also סvvéa $a \iota$, кıpvé$a \tau a l$, to $\delta \dot{v} \nu \eta \mu \iota, \kappa i \rho \nu \eta \mu \iota$ (with suffix $\nu \bar{a}$, weak $\nu a$ ), after the analogy of $\tau \iota \theta$ éa $\tau a \iota$ to $\tau i \theta \eta \mu \iota$.

Boeotian and Thessalian have $\theta$ in these endings, doubtless owing to the influence of $-\mu \epsilon \theta a,-\sigma \theta \epsilon$, and from these the $\theta$ was extended to the third plural active endings. Thus :

Middle. Boeot. á $\delta \iota \kappa i \omega \nu \theta \eta$ (-vтaı), ̇̇ $\sigma \tau \rho o \tau \epsilon v ́ a \theta \eta, \mu \in \mu \iota \sigma \theta \omega ́ a \theta \eta$
 and $e^{\prime} \phi a ́ \nu \gamma \rho \epsilon \nu \theta \epsilon \iota \nu=\dot{\epsilon} \phi a \iota \rho o v ̂ \nu \tau a \iota$, $\beta$ é $\lambda \lambda o v \nu \theta \epsilon \iota \nu=\beta o v ́ \lambda \omega \nu \tau a \iota$, with $\boldsymbol{\epsilon}$ from $a \iota(27)$ and an added $\nu$ (perhaps the active secondary ending; cf. the double pluralization in the imv. $-\nu \tau \omega \nu$ ).

Active. Indicative and subjunctive. Boeot. $\grave{\omega} \omega \nu \theta, \delta \omega \dot{\omega} \omega \nu \theta \iota, \dot{a} \pi \pi o \delta \epsilon-$
 Boeot. ěv $\nu \theta \omega$, á $\nu \gamma \rho a \psi \dot{a} \nu \theta \omega$, etc. So also from the Phocian Stiris, near the Boeotian frontier, $\theta$ é $\lambda \omega \nu \theta \iota$, i $\sigma \tau \alpha \alpha^{\prime} \nu \theta \omega$, i $\sigma \tau a ́ \nu \theta \omega \nu$.

## Imperative Active and Middle

140. In the third plural the dialects exhibit the following types. Observe the divergence between the active, where $3 a$ and $4 a$ are the usual types, and the middle, where the corresponding $3 b$ and $4 b$ are rare, the usual type being $2 b$.
141. The same form as the third singular. Rare, and only in the middle. Corcyr. крıขé $\theta \omega$, è $\pi \iota \delta a \nu \epsilon \iota \zeta e ́ \sigma \theta \omega$, Calymn. è $\pi \iota \sigma a \mu a \iota \nu e ́ \sigma \theta \omega$, Coan aipel $\sigma \theta \omega$, Thas. $\theta$ é $\sigma \omega$.
142. a. $-\tau \omega \nu$, formed from the third singular by the addition of the secondary ending $-\nu$. $\begin{gathered} \\ \sigma \\ \\ \\ \omega\end{gathered} \boldsymbol{\nu}$, as in Homer, in Ionic only. A corresponding thematic $\phi \epsilon \rho \in e^{\tau} \omega \nu$ is unknown.
b. $-\sigma \theta \omega \nu$. $\phi \epsilon \rho \in ́ \sigma \theta \omega \nu$ etc., the usual form in most dialects. Lesb. $\dot{\epsilon} \pi \iota \mu \hat{̇} \lambda \epsilon \sigma \theta o \nu$ (cf. - $\nu \tau 0 \nu, 5$ ).
143. a. $-\nu \tau \omega$, formed after the analogy of 3 pl . indic. $-\nu \tau \iota . \phi \in \rho o{ }^{\nu} \tau \tau \omega$, $\tau \iota \theta e ́ \nu \tau \omega$, etc. in Arcadian, Boeotian ( $-\nu \theta \omega$, 139.2), and the Doric dialects except Cretan.

Note. Later Doric inscriptions often show the Att. - $\nu \tau \omega \nu$ beside - $\nu \tau \omega$. Conversely the later Delphian inscriptions often have the general Doric -viw beside -vtav, which is the form of the earliest Delphian.
 (rather than under 1) Heracl. é $\pi \epsilon \lambda \boldsymbol{a}^{\prime} \sigma \theta \omega$ (cf. Coan $\dot{\epsilon} \pi \epsilon \lambda \lambda^{\prime} \nu \tau \omega$ ). For
 ${ }_{-0 \nu \sigma \theta \omega}$ of later origin and with later treatment of $\nu \sigma(77.3,78)$, and it is possible to read $\phi \epsilon \rho \delta \hat{\sigma} \sigma \theta \bar{o}$ etc., likewise early Att. $-\hat{\sigma} \sigma \theta \omega \nu(4 b)$.
4. $a$. $-\nu \tau \omega \nu$, with double pluralization, a combination of types 2 and 3. $\phi \epsilon \rho \delta{ }^{2} \tau \omega \nu, \tau \iota \theta e ́ v \tau \omega \nu$, etc., as in Homer, in Attic-Ionic, Delphian, Elean, Cretan.
b. $-(\nu) \sigma \theta \omega \nu$. Early Att. è $\pi \iota \mu \epsilon \lambda \delta \sigma \sigma \theta \omega \nu$ etc., El. $\tau \iota \mu \tilde{o} \sigma \tau \bar{o} \nu$.
5. $-\nu \tau 0 \nu,-\sigma \theta O \nu$, probably from $-\nu \tau \omega \nu(4 a),-\sigma \theta \omega \nu(2 b)$ with $-0 \nu$ after the analogy of 3 pl. $\epsilon \phi \epsilon \rho o \nu$ etc. This is the regular type in Lesbian, e.g. фépovtov, кá入єעtov, é $\pi \iota \mu e ́ \lambda \epsilon \sigma \theta o \nu$, and Pamphylian (e.g. ó $\delta v=o ̋ \nu \tau o \nu)$, and also appears, probably through Pamphylian influence, in an inscription of Phaselis which is otherwise in the Rhodian dialect, and in a Rhodian decree at Seleucia in Cilicia.

6．$-\tau \omega \sigma a \nu,-\sigma \theta \omega \sigma a \nu$ ，with $-\nu$ replaced by $-\sigma a \nu$（cf．138．5）．Att． è $\sigma \tau \omega \sigma a \nu, \phi \epsilon \rho e ́ \tau \omega \sigma a \nu$（more rarely $\phi \epsilon \rho o ́ \nu \tau \omega \sigma a \nu)$ ，̇̇ $\pi \iota \mu \epsilon \lambda \in ́ \sigma \theta \omega \sigma a \nu$ ， etc．，after about 300 b．c．，hence in later inscriptions of various dialects．

## Future and Aorist

141．＂Doric future＂in $-\sigma \epsilon \omega$ ．Except for a few middle forms in
 fined to the West Greek dialects（examples in most of the Doric dialects and in Delphian；in Locrian and Elean no futures occur）． Thus，from the very numerous examples，Delph．тayevoé $\omega, \kappa \lambda \in \notin e ́ \omega$ ，
 $\xi \mathfrak{\eta} \tau a \iota$, Epid．$\beta \lambda a \psi \in i ̂ \sigma \theta a \iota$, Coan，Cnid．$\pi о \iota \eta \sigma \epsilon i ̂ \tau a l$, Rhod．$\dot{a} \pi o \delta \omega-$
 Doric кoเvท＇，see 278）．
 ambiguous，but probably to be accented $\pi ⿰ 丿 ⺄ ⿱ ㇒ ⿻ 二 丿 ⿴ 囗 ⿱ 一 兀 寸 \boldsymbol{c \epsilon}$ etc．），but in the third plural $\dot{a} \pi a \dot{\xi} \xi_{o \nu \tau \iota, ~}^{e} \sigma \sigma o \nu \tau a \iota$, apparently of the ordinary type， since from the $-\sigma \epsilon \omega$ type we should expect－$\sigma i o \nu \tau \iota$（cf．á $\nu a \nu \gamma \epsilon \lambda i o \nu \tau \iota$ ）． In all other Doric dialects，however，forms of the ordinary type are late，and clearly due to $\kappa o c \nu \eta$ influence．

142．$\xi$ in the future and aorist of verbs in $-\zeta \omega$ ．The extension of $\xi$ ，which is regular in the case of guttural stems，to other verbs in $-\zeta \omega$ ，which regularly have $\sigma \sigma, \sigma$（ $\delta \iota \kappa \alpha \dot{\sigma} \omega$ ，é $\delta / \kappa a \sigma a$ ），is seen in some isolated examples even in Homer（ $\pi 0 \lambda \epsilon \mu(\xi \circ \mu \epsilon \nu$ ，as，conversely， $\eta{ }_{\eta} \rho \pi a \sigma \epsilon$ beside $\tilde{\eta}^{\prime} \rho \pi a \xi \epsilon$ ）and Hesiod（ $\left.\phi \eta \mu i \xi \omega \sigma \iota\right)$ ．But as a general phenomenon it is characteristic of the West Greek dialects，where it is almost universal except in Argolic，together with Boeotian（in part），Thessalian，and Arcadian．Thus，from the countless examples，

 （ $\xi$ in forms of 12 verbs，but also кaтєб由́ı $\sigma a \mu \in s$, probably influ－ enced by eै $\sigma \omega \sigma a$ from $\sigma \omega ́ \omega)$ ，El．тотар $\mu o ́ \xi a \iota \tau 0$ ，（Locr．$\psi{ }^{\text {á }} \phi \iota \xi \xi \iota \varsigma$ ， see below，$a)$ ，Delph．ár $\omega \nu(\xi a \tau 0$, Thess．$\psi a \phi(\xi a \sigma \theta \epsilon \iota \nu$, Arc．тарє－


But in Argolic the $\boldsymbol{\xi}$ formation is avoided when a guttural pre-



Boeotian has, from different localities, both $\boldsymbol{\xi}$ and $\boldsymbol{\tau \tau}$ (= Att. $\sigma$,


a. A similar extension of guttural stems is sometimes seen in other forms, e.g. Heracl. $\pi о т \iota \kappa \lambda \alpha^{\prime} \gamma \omega=\pi \rho o \sigma \kappa \lambda e^{\prime} \omega$, Argol., Mess. $\kappa \lambda \alpha{ }^{\prime} \xi$ (as in

 and especially the frequent abstracts in $-\xi \iota s=-\sigma t s$, as Aetol. $\psi$ á $\phi \iota \xi \iota s$, Locr.

143. $\sigma \sigma$ in the future and aorist of verb-stems ending in a short vowel. The Homeric extension of $\sigma \sigma$ from $\dot{\epsilon} \tau \bar{\lambda} \lambda \epsilon \sigma-\sigma a$ to $\dot{\epsilon} \kappa a ́ \lambda \epsilon-\sigma \sigma a$
 Boeot. $\sigma o v \nu \kappa a \lambda e ́ \sigma \sigma a \nu \tau \epsilon s$. Other dialects may have $\sigma \sigma$ from stems ending in $\sigma$ or a dental, as é $\tau e ́ \lambda \epsilon \sigma \sigma a$ or $\dot{e} \delta i ́ \kappa a \sigma \sigma a$ (Boeot. $\tau \tau)$, $\dot{\epsilon} \delta a \sigma-$ $\sigma \alpha^{\prime} \mu \eta \nu$ (Cret. $\left.\tau \tau\right)$, later with one $\sigma(82,83)$, but always é $\kappa \alpha ́ \lambda \epsilon \sigma a$, $\omega^{\omega} \mu \boldsymbol{\mu} \boldsymbol{\sigma}$.

 é $\chi \in a$ (e.g. Ion. $\sigma v \gamma \chi$ रéaı, no. 2). In late times this type is extended to many other verbs, e.g. $\boldsymbol{\eta} \lambda \theta a, \gamma \in \nu a ́ \mu \epsilon \nu 0 s$.



 usual aorist forms in -rav.
145. Future passive with active endings. Rhod. $\dot{\epsilon} \pi \iota \mu \epsilon \lambda \eta \theta \eta-$
 and $\phi a \nu \eta \sigma \epsilon \hat{\imath} \nu, \delta \epsilon \iota \chi \theta \eta \sigma o v ̂ \nu \tau \iota$ in Archimedes. Although the inscriptional examples are, as yet, confined to the Doric islands, it is not improbable that this was a general Doric or West Greek characteristic.

## Perfect

146. 147. $\kappa$-perfect. This is usual for vowel stems in all dialects. But there are some few forms without $\kappa$, outside the indicative singular, like Hom. $\beta \epsilon \beta$ áa $\iota$ beside $\beta \epsilon ́ \beta \eta \kappa a s, \kappa є \kappa \mu \eta \omega$ śs beside кє́к $\mu \eta \kappa a s$, etc., e.g. Boeot. à $\pi=\delta \epsilon \delta o ́ a \nu \theta \iota, \kappa a \tau a \beta \epsilon \beta a ́ \omega \nu, \delta \epsilon \delta \omega ́ \omega \sigma \eta=\delta \epsilon \delta \omega \kappa v i ̂ a l$,



The gradual extension of the $\kappa$-type to other than original vowel stems is by no means confined to Attic (cf. e.g. Arc. $\dot{\epsilon} \phi \theta o \rho \kappa \omega ́ s$, Att. é $\phi \theta a \rho \kappa a$ but also ế $\phi \theta o \rho a)$, and some verbs which usually have the strong perfect show dialectic forms with a vowel stem and $\boldsymbol{\kappa}$.
 fєfaס̄ēкóтa, Ion., Epid. $\lambda \in \lambda \alpha^{\prime} \beta \eta \kappa a$ (also in Archim.), formed from the vowel stem which is present in many verbs in -av (cf. $\tau \epsilon \tau u-$ $\chi \eta \kappa a, \mu \epsilon \mu a^{\prime} \eta \eta \kappa a$, etc.). Usual $\epsilon^{\lambda} \lambda \dot{\eta} \lambda \nu \theta a$, but $\eta^{\eta} \lambda \theta \eta \kappa a$ in Boeot. $\delta \iota \epsilon \sigma-$

2. Aspirated perfect. Examples occur in various dialects. Even in the case of the $\kappa$-perfect, where it is unknown in Attic-Ionic, the aspirate is seen in Arg. $\delta$ é $\delta \omega \chi[\epsilon]$. Cf. èкєкратєрí $\eta \mu \mu \epsilon$ in Sophron.
3. In Heraclean occur 3 pl. indic. $\boldsymbol{\gamma} \boldsymbol{\gamma} \rho a ́ \psi a \tau a \iota$, with $\sigma$ probably due ultimately to the influence of the 3 pl . aor. $-\sigma a \nu$ (cf. 3 pl. perf. i $\sigma a \sigma \iota$ after the analogy of 3 pl . pluperf. ì $\sigma a \nu$ from * $\check{\delta} \delta-\sigma a \nu$, whence also Dor. $\imath^{\imath} \sigma a \mu \iota$ ), and 3 pl . subj. $\mu \in \mu \iota \sigma \theta \dot{\omega} \sigma \omega \nu \tau a \iota$ (to an indic. ${ }^{*} \mu \in \mu \iota-$ $\sigma \theta \dot{\omega} \sigma a \tau a \iota$ ? Or formed to the fut. perf. $\mu \in \mu \iota \sigma \theta \omega \sigma \sigma o \mu a \iota$ ?).
4. Dialectic variations in the grade of the root (49) are not infrequent, e.g. Cret. $\dot{a} \mu \pi \epsilon \lambda \eta \lambda \epsilon v ́ \theta \epsilon \nu=$ Att. $\dot{a} \mu \phi \epsilon \lambda \eta \lambda \nu \theta \in ́ v a l\left(H o m . ~ \epsilon i \lambda \eta^{\prime}-\right.$
 from $\eta_{\eta \mu \iota}$ (cf. é $\rho \rho \omega \gamma$ from $\dot{\rho} \eta{ }_{\eta}^{\gamma} \nu v \mu \iota$ ), also, in the middle, Heracl.

5. For the reduplication, see 137 ; for the third plural ending, see 138.4.
147. Thematic forms in the perfect. Aside from the subjunctive, optative, and imperative, which regularly have thematic inflection, we find:

1. Indicative. Forms inflected like presents are often employed by the Sicilian Doric writers, e.g. Theocr. $\delta \in \delta o i k \omega$, $\pi \epsilon \pi o ́ v \theta \epsilon \iota \varsigma, \pi \epsilon \phi^{\prime}-$ $\kappa \epsilon \iota$, Epich. үєyá $\theta \epsilon \iota$, Archim. тє $\boldsymbol{\tau} \mu a ́ \kappa \epsilon$, and occur in some inscriptions of Cnidus and Carpathus, e.g. тєтıца́кєє, үєүóvєє, е̇ $\sigma \tau a ́ \kappa \epsilon \iota$, and occasionally elsewhere, as Phoc. $\epsilon i \lambda a^{\prime} \phi \epsilon$.
2. Infinitive. Forms in $-\epsilon \iota \nu(-\epsilon \nu,-\eta \nu)$ instead of $-\epsilon \nu a \iota(-\epsilon \mu \epsilon \nu$ etc.) are found in Lesbian and in some West Greek dialects, e.g. Lesb. $\tau \epsilon \theta \nu a ́ \kappa \eta \nu, \tau \epsilon \theta \epsilon \omega \rho \eta^{\prime} \kappa \eta \nu$, Delph. à áтотєтєíкєv, Cret. $\dot{a} \mu \pi \epsilon \lambda \eta \lambda \epsilon \dot{v} \theta \epsilon \nu$, Calymn., Nisyr. $\delta \epsilon \delta \omega ́ \kappa \epsilon \nu$, Rhod. $\boldsymbol{\gamma \epsilon \gamma \delta \partial є \iota \nu , ~ E p i d . ~} \lambda \in \lambda a \beta \eta \eta^{\kappa} \kappa \iota \nu$. So Pindar $\kappa \in \chi \lambda a ́ \delta \epsilon \iota \nu$, Theocr. $\delta \in \delta$ úкє $\epsilon \nu$.

Cf. also Heracl. тєфитєuкฑ̂ $\epsilon \in \nu$ etc. from $-\epsilon \epsilon \mu \epsilon \nu$ instead of simply ${ }_{-} \boldsymbol{\epsilon} \in \boldsymbol{\nu}$.
3. Participle. The thematic inflection is regular in the Aeolic

 Cf. Hom. кєк $\boldsymbol{\eta} \boldsymbol{\eta} \gamma \boldsymbol{\gamma} \boldsymbol{\nu} \epsilon \epsilon$.
a. There are some feminine forms in -ovaa in later Delphian (e.g. De $\delta \omega-$ кov́ras), and elsewhere, but these represent a more restricted phenomenon, quite independent of the preceding. Cf. also Hom. $\dot{\varepsilon} \sigma \tau \sigma \omega \sigma a, ~ A t t . ~ \dot{\delta} \sigma \tau \hat{\omega} \sigma a$.
148. The participle in its regular (unthematic) form usually has the feminine in -vîa. But forms in -eîa are found in late Attic and elsewhere, e.g. Heracl. é $\rho \rho \eta \gamma \in i ̂ a, ~ T h e r . ~ \epsilon ̇ \sigma \tau a \kappa \epsilon i ̂ a . ~$

## Subjunctive

149. The subjunctive of thematic forms. The mood-sign is everywhere $\eta / \omega$, as in Attic. But the third singular sometimes ends in $-\eta$, not $-\eta$. So uniformly, from the earliest times, in Arcado-
 $\sigma \bar{e} s)$. Lesbian has earlier - $\eta \iota$, but from the last quarter of the fourth century on nearly always $-\eta$, e.g. é $\xi \in \in \lambda \theta \eta \iota$ etc. in no. 21 (first half fourth century), but è $\boldsymbol{\mu} \mu$ év $\eta$ etc. in no. 22 ( $324 \mathrm{~B} . \mathrm{c}$.). Cf. also El. èc$\pi \varepsilon ́ \mu \pi \bar{a}(\bar{a}=\eta, 15)$, Epid. $\pi \in ́ \tau \eta$, Coan $\lambda a ́ \theta \eta$.
a. It is the prevailing view that these forms are not equivalent to the Attic, but represent the more original formation, in which the endings were added directly to the $\eta$ ( ${ }^{\prime \prime} \chi \eta-\mathrm{s}$, ${ }^{4} \times \eta-(\tau)$ ), without the $\iota$, which is due to
the analogy of the indicative forms in -ets, -ct. But this is far from certain, as it is quite possible to view the $-\eta$ as coming from $-\eta$. Even in the case of the Arc.-Cypr. forms there is nothing decisive against this, and it is distinctly more probable that the later Lesbian $-\eta$ comes from the earlier $-\eta \iota$ (in spite of the fact that in no. 22 the $\iota$ is still written in the datives). See 38.
150. The subjunctive of the $\sigma$-aorist. As in the case of other unthematic formations (cf. Hom. ${ }^{\prime} o \mu \in \nu$ to $\check{l}_{\mu} \mu \nu \nu$ ), this was originally a short-vowel subjunctive in $\epsilon / 0$, and only later came to follow the more common long-vowel type in $\eta / \omega$. Aside from Hom. $\beta^{\prime} \eta^{\prime} \sigma \mu \in \nu$ etc., short-vowel forms are found in East Ionic, Lesbian, Cretan, and occasionally elsewhere. East Ion. $\pi o \iota \eta \prime \sigma \epsilon \iota, \kappa a \tau a ́ \xi \in \iota$, èккó $\psi \in \iota$ (no. 3,
 $\kappa a \tau \epsilon i \pi \epsilon \iota$ ) beside $\mu \epsilon \theta$ é $\lambda \eta \iota$ etc., further катактє $\nu \bar{\partial} \sigma \iota \nu$ (i.e. -ov $\iota \iota$, not $-\omega \sigma \iota$ ), Chian $\pi \rho \eta^{\prime} \xi o \iota \sigma \iota \nu$ (with Lesb. ou from ovб, 77.3). Lesb. (with
 beside $\dot{a} \pi e ́ \lambda \lambda \theta \eta \iota$ etc. (hence the forms of the Law-Code are to be
 beside $\lambda a ́ \chi \omega \nu \tau \iota$, etc. Cf. also Coan $\dot{\imath} \pi \sigma \kappa \tilde{\psi} \psi \epsilon \iota$, Astyp. $\delta o ́ \xi \in \iota$.
151. The subjunctive of unthematic vowel stems. There are two distinct types.
152. The endings are added directly to the long vowel of the stem. With very few exceptions, this type is found only in those forms of which the corresponding indicative has the short vowel. So especially in the middle, e.g. Cret. $\delta \dot{v} \nu a ̄ \mu a \iota$, vv́vāтal, vúvā̀tı, beside indic. סúvă $\mu a \iota$, Arc. є̇ $\pi \iota \sigma v \nu i ́ \sigma \tau \bar{a} \tau a \iota$ beside indic. Їбтăтaı, סéāтo८ (cf. Hom. סéäтo), but also, when the indicative also has $\bar{a}$, Cret. $\pi$ éñā$\tau a \iota$, Ther. тé $\pi \rho \bar{a} \tau a \iota$. Further, in the active, Mess. тiӨךขтı beside indic. $\tau i \theta_{\epsilon \nu \tau \iota}$ (hence also, beside $\grave{\varepsilon} \nu \tau \iota$, Mess. $\boldsymbol{\eta} \nu \tau a \iota=\omega ิ \sigma \iota$, Delph. $\boldsymbol{\eta} \tau a \iota=\mathfrak{\eta})$, र $\rho a ́ \phi \eta \nu \tau \iota$ beside indic. év $\gamma \rho a \phi \in \nu$, etc., but also Calymn.

 aor. subj. $\sigma \bar{a}$ beside indic. $\sigma a ̆$, e.g. Cret. $\pi a \rho \theta \dot{v} \sigma a ̄ \tau a l$, Arc. $\beta \omega \lambda \epsilon \dot{u}-$ $\sigma \bar{a} \nu \tau a \iota$, likewise in Elean, with loss of $\sigma(59.3)$, $\phi \cup \gamma a \delta \epsilon \dot{a} \bar{u} \tau \iota($ no. 60),

153. The usual type is that in which the long vowel of the stem was followed by the short vowel subjunctive sign $\epsilon$, this being generally replaced by the more usual $\eta / \omega$ (cf. 150). Further change is due to the shortening, in the majority of dialects, of the long


 with shortening Ion. $\theta e ́ \omega \mu \epsilon \nu$, Att. $\theta \hat{\omega} \mu \varepsilon \nu$, Cret. è $\nu \theta(\omega \mu \epsilon \nu(\iota$ from $\epsilon$ ), etc. Similarly in the aorist passive, Hom. $\delta a \mu \eta_{\eta}^{\prime} p, \mu \iota \gamma \eta_{n}^{\prime} ? s$, Boeot.
 $\theta e ́ e \bar{e}$, but with shortening Ion. $\lambda v \theta \dot{e} \omega \mu \epsilon \nu$, Att. $\lambda v \theta \hat{\omega} \mu \epsilon \nu$, Cret. $\pi \epsilon \bullet \theta \theta ん$ $\omega \nu \tau \iota$ (cf. $\grave{e} \nu \theta i \omega \mu \varepsilon \nu)$, Heracl. érff $\eta \lambda \eta \theta i \omega \nu \tau \iota$, Rhod. $\epsilon_{\rho} \rho \gamma a \sigma \theta \in ́ \omega \nu \tau \iota$, etc.

## Optative

152. 153. Thematic. Late Delph. 3 pl. $\theta$ é $\lambda o \iota \nu, \pi a \rho e ́ \chi o \iota \nu$, etc., with $-\epsilon \nu$ replaced by $-\nu$ after the analogy of |  |
| :---: |$\in \rho o \nu$ etc.
1. Unthematic. The extension of $\imath \eta$ to the plural, as often in Ionic and late Attic, is seen in late Delph. ámoסiסoinoav, doubtless due to кoı $\nu \dot{\eta}$ influence.
2. Unthematic type in contract verbs. See 157 b.
3. $\sigma$-aorist. The so-called Aeolic type in - $\epsilon l a s,-\epsilon \epsilon \epsilon,-\epsilon \iota a \nu$, common in Attic-Ionic, is seen in El. катıapav́бєєє, later ádeantćhate with $a$ from the indicative (as in the usual -at). But most dialects have $a \iota$ throughout, as Cret. vixá $a l$, Locr. $\sigma v \lambda \alpha^{\prime} \sigma a l$, Arc. $\phi \theta$ épal, etc.

## Infinitive

153. The infinitive of thematic forms. Att. фépelv.
154. $-\epsilon \iota \nu$ or $-\eta \nu$, according as the dialect has $\epsilon \iota$ or $\eta$ from $\epsilon+\epsilon$ (25). So Att.-Ion., Thess. (Thessaliotis), Locr., Corinth., Rhod. - $\epsilon \nu$, but Lesb., El, Lac. $-\eta \nu$.
155. $-\boldsymbol{\nu}$. So in Arcadian (but $-\eta \nu$ at Lycosura, near Elis), Cyprian (or -ēv ?), Delphian, and many of the Doric dialects (Heracl., Argol., Cret., Ther., Coan, etc.).
156. Some of these dialects have $-\epsilon \nu$ even from verbs in $-\epsilon \omega$, e.g. Cret. $\kappa о \sigma \mu \epsilon ́ \nu, ~ e ̀ \nu f o \iota \kappa e ́ v \nu ~(b u t ~ a l s o ~ \kappa a \lambda \hat{\eta} \nu, \mu \bar{\eta} \hat{\eta} \nu$; both types at Gortyna), Ther. סıoıкév, Coan $\delta \in \iota \pi \nu e ́ v, ~ C a l y m n . ~ \mu a \rho \tau \nu \rho e ́ v, ~ A r g . ~ \pi \omega \lambda e ́ v . ~ . ~$
157. The infinitive of unthematic forms. Att. $\boldsymbol{\epsilon} \boldsymbol{i v a l}$.
158.     - val. So in Attic-Ionic and Arcado-Cyprian, e.g. Att.-Ion.
 Arc. ${ }^{\boldsymbol{\eta}} \boldsymbol{\nu}$ al.
 סó $\mu \in \nu a \iota$.
159. $-\mu \epsilon \nu$. $\delta o \dot{\mu} \epsilon \nu$ etc. in Thessalian, Boeotian, and nearly all the West Greek dialects.
160. $-\mu \eta \nu$. Cret. $\boldsymbol{\eta}_{\mu} \mu \nu$ etc. (but also $\hat{\eta} \mu \epsilon \nu$; both types at Gortyna).
161. $-\mu \epsilon \iota \nu$. $\delta o ́ \mu \epsilon \iota \nu$ etc. (probably formed from $-\mu \epsilon \nu$ after the analogy. of $-\epsilon \iota \nu$ ) in Rhodes and vicinity (Carpathus, Telos) and the Rhodian colonies (Phaselis in Pamphylia; Gela and Agrigentum, in Sicily ; also at Rhegium no. 100).
162. Interchange of thematic and unthematic types of infinitive.
163. $-\mu \epsilon \nu$ is extended to thematic forms in Boeotian and Thessalian (Pelasgiotis), as sometimes in Homer (cf. $\epsilon i \pi \epsilon \in \mu \varepsilon \nu$, and $\epsilon i \pi \varepsilon ́ \mu \epsilon \nu a \iota)$,
 an early inscription of Lyttus.
164. The aorist passive infinitive, which is regularly unthematic (Att. $\gamma \rho a \phi \hat{\eta} \nu a \iota$, Dor. $\gamma \rho a \phi \hat{\eta} \mu \epsilon \nu$ ), follows the thematic type in Lesbian and Arcadian, e.g. Lesb. $\dot{e} \pi \iota \mu \epsilon \lambda \dot{\eta} \theta \eta \nu$, ò $\nu \tau \in ́ \theta \eta \nu \nu$, etc., Arc. $\theta \dot{v} \sigma \theta \bar{e} \nu$ or $\theta \dot{v} \sigma \theta \epsilon \nu$ (i.e. $-\eta-\nu$ with $\nu$ added to the aor. pass. stem, or $\epsilon \nu$ with complete assimilation to $\dot{v} \pi \dot{\alpha} \rho \chi \in \nu$ etc.).
165. In Lesbian the present infinitive of unthematic vowel stems, as well as of the contract verbs, which otherwise follow the unthematic type (157), ends in $-\nu$, not $-\mu \in \nu a l$, e.g. $\delta i ́ \delta \omega \nu$, кé $\rho \nu \bar{a} \nu,{ }^{\circ} \mu \nu \bar{v} \nu$, $\kappa \alpha ́ \lambda \eta \nu, \sigma \tau \epsilon \phi \dot{a} \nu \omega \nu, \kappa a \tau \epsilon 1 \rho \omega \nu$ ( $\kappa a \theta \iota \epsilon \rho o v ̂ \nu)$. Once also aor. infin. $\pi \rho \rho^{-}$ $\sigma \tau \bar{a} \nu$ (but usually - $\mu \in \nu a \imath$, as $\theta e ́ \mu \epsilon \nu a \iota, ~ \delta o ́ \mu \epsilon \nu a \iota)$.
166. For the thematic forms of the perfect infinitive in various dialects see 147.2.
167. For Euboean $\boldsymbol{\tau} \boldsymbol{\tau} \theta \boldsymbol{\epsilon} \boldsymbol{\imath} \nu$ etc., and even $\boldsymbol{\epsilon} \boldsymbol{i} \nu$ beside $\boldsymbol{\epsilon} \boldsymbol{i} \nu a t$, see 160.
168. The infinitives in $-\sigma a \iota$ and $-\sigma \theta a l$. Thessalian (Larissa) has òvypá $\psi \epsilon \iota \nu, \delta \epsilon \delta o ́ \sigma \theta \epsilon \iota \nu$, eै $\sigma \sigma \epsilon \sigma \theta \epsilon \iota \nu, \pi \epsilon \pi \epsilon \hat{\epsilon} \sigma \tau \epsilon \iota \nu$, é $\lambda \epsilon ́ \sigma \tau \epsilon \iota \nu$, etc., with - $\epsilon \iota$ from -al (27), and $\nu$ added after the analogy of other infinitives. Boeot. $-\sigma \theta \eta,-\sigma \tau \eta$ with $\eta$ from al (26). For $\sigma \tau=\sigma \theta$, see 85.1.

## Unthematic Inflection of Contract Verbs

157. The $\mu l$-inflection of contract verbs, sometimes known as the Aeolic inflection, is characteristic of Lesbian, Thessalian, and Arcado-Cyprian, e.g. Lesb. кá $\lambda \eta \mu \iota$ (Sappho), $\kappa a ́ \lambda є \nu \tau \tau \nu, ~ \kappa а \tau a ́ \gamma \rho є \nu \tau o \nu, ~$

 and so perhaps always in Thessaliotis), Arc. $\pi 0 \boldsymbol{i} \epsilon \nu \sigma \lambda_{i}^{\prime} \pi o e ́ v \tau \omega, \dot{a} \delta \iota-$
 $\mu \epsilon \rho \overline{\mathrm{\nu}} \mathrm{\nu}$ a. $\tau \epsilon \lambda \epsilon \sigma \phi о \rho \in ́ \nu \tau \epsilon s$ in an inscription of Cyrene is \probably a relic of the pre-Doric (Achaean) element in Thera $\mu c$-forms are also quoted as Boeotian by the grammarians, but the inscriptions show only the usual type ( $\sigma \tau \rho a \tau a \gamma i o \nu \tau o s ~ e t c$. .).
a. The stem ends in a long vowel, which is regularly shortened befcye $\nu \tau$ (though also, with analogical $\eta$, Lesb. каток$\eta_{\nu \tau \omega \nu}$ in contrast to usual ejep-



 uncertain). This type, then, follows the analogy of that seen in $\boldsymbol{\xi}_{\beta \lambda_{\eta \nu},}$,
 with vowel-gradation. But even the latter sometimes shows an extension of the long vowel from the singular active, e.g. Lesb. [ $\pi \rho o \sigma \tau i] \theta \eta \sigma\left[\theta_{o v}\right]$,

b. The more limited extension of the $\mu$-inflection to the optative of contract verbs, as in Att. $\phi\langle\lambda o i ́ \eta \nu, \mu \sigma \theta o i ́ \eta \nu$, etc., is occasionally found elsewhere.



## Middle Participle in -elpevos

158. The middle participle in - $\epsilon \mu \mu \epsilon \mathcal{D}$ (or $-\eta \mu \epsilon \nu 0 s$ ) from verbs in $-\epsilon \omega$, as if from $-\epsilon-\epsilon \mu \in \nu 0 s$ instead of $-e-0 \mu \epsilon \nu o s$, is characteristic of the

Northwest Greek dialects and Boeotian, e.g. Locr. èvкa入єímevos,
 $\mu \in \nu o s$. This is due to the analogy of forms which regularly had $\epsilon \epsilon$ (or $\eta$ ) from $\epsilon \in$, as the infinitive ка入єîб $\theta a l$. Cf. Phoc. тоєє̂̂̀тaı $=$ $\pi o \iota o \hat{\nu} \tau a l$, formed after $\pi o \iota \epsilon \hat{\sigma} \theta \epsilon$.
 the other $\mu$-forms of these dialects. See $157 a$.

## Type $\phi \lambda \eta \eta^{\prime} \omega, \sigma \tau \epsilon ф а \nu \omega ́ \omega$

159. Forms in $-\eta \omega$, $-\infty \omega$, with the long-vowel stem of the other tenses extended to the present, are found in various dialects, e.g.

 inscriptions of Orchomenus, and probably due to Aetolian influence). Ther., Rhod., etc. $\sigma \tau \epsilon \phi a \nu \omega \iota$, Calymn. á $\xi \iota \omega \iota$ may be from $-\omega \epsilon \iota$, and so belong here, but contraction from -oct is also possible (cf. $25 a$ ).

## Transfer of $\mu \mathrm{l}$-Verbs to the Type of Contract Verbs

160. The transfer of certain forms of $\mu l$-verbs to the inflection of contract verbs is found in various dialects, as Att. é $\boldsymbol{\tau}\left(\theta_{\epsilon l}, \dot{\epsilon} \delta \delta \delta o v\right.$,
 With $\tau \iota \theta \epsilon \hat{\imath}$ etc. in Homer and Herodotus, compare $\delta \iota \delta o i ̂ ~(M i l e t u s) ~$ and the Euboean infinitives $\tau \iota \theta \epsilon \hat{\imath} \nu, \delta \iota \delta o v ̂ \nu, \kappa a \theta \iota \sigma \tau \hat{\nu} \nu$, and even $\epsilon i \nu$ beside cival.

## Some Other Interchanges in the Present System

161. 162. Verbs in $-\in \omega$ form their present in $-\epsilon \epsilon \omega$ in Elean, as $\phi u \gamma a \delta \epsilon i \eta \nu=\phi u \gamma a \delta \epsilon v ́ \epsilon \iota \nu$, beside aor. $\phi u y a \delta \epsilon v i a \nu \tau \iota$, also (with $a$ after $\rho, 12 a) \kappa a \tau \iota a \rho a i ́ \omega \nu=\kappa a \theta \iota \epsilon \rho \epsilon \dot{v} \omega \nu$, beside aor. катıapav́бєєє, and $\lambda a-$
 $\mu a \sigma \tau \epsilon v \in \epsilon$, in an inscription of Dodona. This represents the normal phonetic development from - $\epsilon \iota \omega$, the usual - $\epsilon v \omega$ being due to the influence of the other tenses.
1. Verbs in $-a \omega$ show forms in $-\epsilon \omega$ in various dialects, but, with few exceptions, only where the $\epsilon$ is followed by an o-vowel, e.g.,
aside from literary examples (as Hom. $\mu \in \nu 0 i(\nu \epsilon o \nu$, Alcm. oj $\rho e ́ \omega \nu$,


 9.4) $\overline{\bar{c}} \beta i o ̄ \nu, \dot{\epsilon} \pi \pi a \rho \iota o ́ \mu \epsilon \nu o \nu, \mu o \iota \kappa(\bar{o} \nu \nu(\mu o \iota \chi a ́ \omega)$. According to some this rests upon an actual phonetic change of ao to $\epsilon$, the ao ( $\omega$ ) in Attic and elsewhere being a restoration due to leveling with the at forms. But we may have to do simply with a transfer to the $-\epsilon \omega$ type, which was mainly favored where it offered uncontracted forms (in most dialects $\epsilon 0$ was uncontracted until late, but $\epsilon \epsilon$ contracted; in all forms like Rhod. $\tau \iota \mu о \hat{\nu} \tau \epsilon$ the $o v$ is an Attic substitution for $\epsilon 0$ ).


 Delph. хоє́неvos (158).
2. Among other, more individual, cases of variation in the present stem, may be mentioned :
3. $-\iota \zeta \omega=-0 \omega$, especially in West Greek. Boeot., Phoc. $\delta o u \lambda i \zeta \omega$ (Delph. $\delta o u \lambda o ́ \omega$ intrans. $=$ Att. $\delta o u \lambda \epsilon v ́ \omega)$, Delph., Thess. à $\pi \epsilon \lambda \epsilon v \theta \epsilon-$ $\rho i \zeta \omega$, Delph., Rhod., Mess., Cret. $\delta \rho \kappa i \zeta \omega$ (but also Ionic and .Attic sometimes), Dor. $\sigma \tau \epsilon \phi a \nu i \zeta \omega\left(\dot{\epsilon} \sigma \tau \epsilon \phi \frac{1}{\nu} \boldsymbol{\xi} \boldsymbol{\xi}_{a}\right.$ Ar. Eq. 1225).
4. $-a \omega=-0 \omega$. Lesb. $\mathfrak{a} \xi \iota \mathfrak{a}^{\prime} \omega$ (á $\mathfrak{\xi} \iota \dot{a} \sigma \epsilon \iota$ ), Thess., Dor. коı ${ }^{\prime} a^{\prime} \omega$, Phoc. $\sigma \kappa a \nu e ̂ ̀ \nu($ also Att. $\sigma \kappa \eta \nu a ̂ \nu)=\sigma \kappa \eta \nu o v ̂ \nu$, Heracl. à $\rho a ́ \omega(a ̉ \rho a ́ \sigma o \nu \tau \iota)=$ á $\rho o ́ \omega . ~ C f . ~ C r e t . ~ a ̆ \rho а т \rho o \nu ~=a ̆ \rho о т \rho o ̀ \nu . ~$
5. -ow. Delph., Arg., Meg., Cret., Ther., Sicil. $\sigma \kappa \epsilon v o ́ \omega=\sigma \kappa \epsilon v a ́ \zeta \omega$, Boeot. $\pi \iota \theta o{ }^{\prime} \omega=\pi \epsilon i \theta \omega$, Heracl. $\pi \rho \iota o ̛ \omega$ (subj. $\pi \rho \iota \omega ̂ \iota$ from * $\pi \rho \iota \omega ́ \eta \iota, 159$ ) $=\pi \rho i ́ \omega$.


 here.
6. Boeot., Thess. $\boldsymbol{\gamma}$ ivv $\mu a \iota=$ yivo all, with transfer to the $\nu v$-class.
7. Aetol., Lac., Cret. á $\gamma \nu e ́ \omega=a ̆ \gamma \omega$, but mostly in the perfect, as

8. For Att. $\zeta \hat{\omega}, \zeta \hat{\eta} s$ from ${ }^{*} \zeta \eta{ }^{\prime} \omega$ etc., most dialects have $\zeta \omega \omega$ (Boeot., Cret. $\delta \omega \dot{\omega} \omega$ ) as in Homer. These are from inherited by-forms of the root.
9. Cret. $\lambda a \gamma a i \omega$, release (cf. $\left.\lambda \eta \eta^{\gamma} \omega, \lambda a \gamma a-\rho o ́ s\right)$ ), aor. $\lambda a \gamma a ́ \sigma a l$, like Hom. кєраím (also Delph.), aor. кєрá( $\sigma$ ) $\sigma a \iota$ (cf. 143), but also $\lambda a-$




10. Cret. $\delta i ́ \rho \mu a \iota=\delta \iota \omega ́ \kappa \omega$, as sometimes in Homer.
11. Cypr. $\delta \nu_{F} a ́ \nu \omega, \delta \omega ́ \kappa \omega=\delta i ́ \delta \omega \mu \iota$.
12. Arc. $\tau \epsilon i \omega \omega=\tau i \nu \omega$, formed to $\tau \epsilon i ́ \sigma \omega$, è $\tau \epsilon \iota \sigma a$ (cf. $\sigma \epsilon i \omega, \sigma \in i ́ \sigma \omega$, etc.).

The Verb to be
163. 1. First singular present indicative. * $\mathcal{\epsilon} \boldsymbol{\sigma} \sigma \boldsymbol{\ell}$, whence Lesb. ${ }_{\epsilon}^{\epsilon} \mu \mu$, Thess. $\dot{\epsilon} \mu \mu \boldsymbol{\prime}$, elsewhere $\boldsymbol{\epsilon} \boldsymbol{i} \mu \boldsymbol{i}$ or $\dot{\eta} \mu l$. See 76 .
2. Third plural present indicative. ${ }^{*} \dot{\epsilon} \nu \tau i ́($ cf. Skt. santi, Osc.Umbr. sent), whence, with substitution of $\boldsymbol{\epsilon}$ after the analogy of the other forms, West Greek évić, Att.-Ion. cíci. See 61.1, 77.3.
3. Third singular imperfect. 访 (from ${ }^{*} \boldsymbol{\eta} \sigma-\tau$, cf. Ved. Skt. $\bar{a} s$ ) is attested for various West Greek dialects (Acarn., Corcyr., Delph., Epid., lit. Doric), Boeotian ( $\pi a \rho \in \hat{i} \varsigma$ ), Arcadian, and Cyprian, and is probably the form in all dialects (for Locr. $\overline{\tilde{e}} \nu$, see no. 55.9 , note) except Attic-Ionic, where it was replaced by $\boldsymbol{\eta}_{\nu}^{\nu}$ (Hom. $\boldsymbol{\eta} \epsilon \nu$ ), the old third plural (from ${ }^{*} \boldsymbol{\eta} \sigma \epsilon \nu_{2}$ cf. Skt. $\bar{a} s a n$ ).
4. Third plural imperfect. Most dialects had $\boldsymbol{\eta} \nu($ see above, 3 ), examples of which are found in literary Doric, Delphian, and Locrian. For Boeot. mapeîav, Att.-Ion. $\bar{\eta} \sigma a \nu$, see 138.5.
5. Third singular imperative. eै $\sigma \tau \omega$ in most dialects. But late $\boldsymbol{\eta} \tau \omega$, with $\boldsymbol{\eta}$ of $\boldsymbol{\eta} \nu$ etc. after the analogy of e.g. $\sigma \tau \dot{\eta} \tau \omega$ to $\begin{gathered} \\ \epsilon \\ \sigma \\ \eta\end{gathered}$. El. $\boldsymbol{\eta} \sigma \tau \omega$, also with analogical $\eta$ but with retention of $\sigma$.
6. Third plural imperative. Arg. ề $\nu \tau \omega$, Boeot. ề $\nu \theta \omega$ (139.2), Cret.
 e.g. in Delphian. Ion. ě $\sigma \tau \omega \nu$, Attic ơ $\nu \tau \omega \nu$ and late ề $\sigma \tau \omega \sigma a \nu$.
7. Present infinitive. The difference in the form of the ending (154) and also in the development of $\sigma+$ nasal (76) explains the great variety of forms, Attic-Ionic cival (also Eub. $\epsilon i \nu, 160$ ), Arc. $\dot{\eta} \nu a l$, Lesb. ${ }^{\prime} \mu \mu \epsilon \nu a l$, Thess. $\epsilon^{\prime} \mu \mu \epsilon \nu$, West Greek and Boeotian $\boldsymbol{\epsilon} \boldsymbol{\mu} \mu \in \nu$ or $\boldsymbol{\eta} \mu \epsilon \nu(25)$, Rhod. $\epsilon \boldsymbol{\epsilon} \mu \epsilon \tau \nu$, Cret. $\tilde{\eta}^{\mu} \mu \eta \nu$.
8. Present participle. $\dot{e} \omega \dot{\omega} \nu$ in most dialects, Att. $\omega \nu$. But there are also unthematic forms, as Heracl. èvтes (also quoted from Alc-
 (also in some Doric writers; cf. é $\sigma \sigma i ́ a=o u ́ \sigma i ́ a ~ P l a t o ~ C r a t . ~ 401 c), ~$ Arc., Arg., Mess. ěa $a \sigma \sigma a$, Cret: $\grave{a} a \tau \tau a$, $̌ a \theta \theta a$ (all from *ä́tıa = Skt. satī, with the substitution or prefixing of $\boldsymbol{\epsilon}$ after the analogy of the other forms).
a. This unthematic feminine formation in -arua (from -nt-io) is seen also in some forms quoted by Hesychius, namely ëka

9. Middle forms, as imperf. $\eta^{\eta} \mu \eta \nu$ etc., are late. Cf. 3 sg. subj. $\boldsymbol{\eta} \tau a \iota$ at Delphi, 3 pl. subj. $\boldsymbol{\eta} \nu \tau a \iota$ at Andania.
10. In a Cretan inscription of Dreros (no.113) we find $\tau$ é $\lambda o \mu a \iota$ $=$ eै $\sigma о \mu a \iota, \sigma \nu \nu \tau \epsilon \in \lambda \epsilon \sigma \theta a \iota=\sigma v \nu \epsilon ́ \sigma \epsilon \sigma \theta a \iota$.

## WORD-FORMATION

## On the Form and Use of Certain Suffixes and Certain Peculiarities of Composition

164. 165. $-\eta \operatorname{los}^{1}=$ Att. $-\epsilon l o s$. Att. $-\epsilon \operatorname{los}$ is in part derived from $-\eta$ los
 tained in various dialects, e.g. Ion. iep $\eta^{\prime} \iota \circ \nu$, Delph. iep $\eta^{\prime} \iota \nu$, Lesb.

 centuation of these forms, see 37.2.
1. Adjectives of the type $\chi$ apícis are from -fevt- (Skt. -vant-). The feminine was originally -fatıa (like Skt. -vatī, from the weak stem -unt-; cf. éa $\sigma \sigma a$ 163.8), whence, with substitution of $\epsilon$ for $a$ from the analogy of the forms in -fevt-, arose fetıa, this yielding $-(f) \epsilon \sigma \sigma a$ or $-(f) \epsilon \tau \tau a$ (81). Cf. Boeot. גapifettav, Corcyr. $\sigma \tau 0 \nu d-$ $f \epsilon(\sigma) \sigma a \nu$, Pamph. $\tau \iota \mu \alpha^{\prime} \epsilon \epsilon(\sigma) \sigma a$. The genuine Attic forms have $\tau \tau$, as $\mu \in \lambda \iota \tau o v ̂ \tau \tau a$ (Ar.), Muppıvoîtтa (inscr.), those with $\sigma \sigma$ being poetical and in origin Ionic. Most adjectives of this type are poetical only, except in substantive use especially the numerous names of places in - $\sigma \in \iota s$, for which see also 44.4.
a. A relic of the weak stem -far- is seen in a few derivatives, as $\Phi \lambda{ }^{2}{ }^{\prime}-$ $\sigma \omega c$ (cf. $\Phi \lambda \omega 0 \hat{s}$ ) or 'Avayupávol (cf. 'Avarupoûs), from -o(f)árioc (with hyphaeresis of o), in contrast to the usual -óvtioc, -ovivtoo, or -ovíco, from -ofévito.
2. $-\tau \iota \varsigma-\sigma \iota \varsigma$. See 61.3. For $-\xi \iota \varsigma$ see $142 a$. We find $-\sigma \sigma \iota \varsigma$ instead of usual $-\sigma \iota \varsigma$ in Arg. $\dot{a} \lambda \iota \dot{a} \sigma \sigma \iota o s, ~ E p i d . ~ \sigma \tau \epsilon \gamma \dot{a} \sigma \sigma \iota o s, ~ T r o e z ~ \dot{~} \rho \mu a ́ \sigma \sigma \iota o s$, Boeot. áyópa $\sigma \sigma \iota \nu$, in which the first $\sigma$ is due to the influence of forms like $\sigma \tau \epsilon \gamma a \sigma \tau o ́ s, \sigma \tau$ '́ya $\sigma \mu a$.
[^15]4．$-\sigma \mu o s,-\sigma \mu a$ ．In most words $\sigma$ has replaced，by analogy，an earlier dental，which is sometimes preserved，as in Hom．$\dot{\delta} \delta \mu \eta^{\prime}=$ Att．ò $\sigma \mu \eta$＇．So for Att．$\theta \in \sigma \mu o ́ s, ~ \theta e ́ \sigma \mu \iota o s, ~ w e ~ f i n d ~ D o r . ~ \tau \epsilon \theta \mu o ́ s, ~ \tau e ́ ~ \theta ~ \mu \iota o s ~$ （Pindar；$\tau \epsilon \theta \mu$ ós also Delph．，тé $\theta \mu \iota o \nu$ Boeot．），and Lac．，Epid． $\boldsymbol{\theta}$－ $\theta \mu o^{\prime}$ ，Locr．，El．$\theta$ é $\theta \mu \iota o \nu(65)$ ．After the analogy of forms in $-\sigma \mu a$ ， especially $\psi \dot{\eta} \phi \iota \sigma \mu a$ ，$\nu o ́ \mu \iota \sigma \mu a$ ，arose Arg．$\gamma \rho a ́ \sigma \sigma \mu a=\gamma \rho a ́ \mu \mu a$ ．For Cret．$\psi a ́ \phi \iota \gamma \mu a, \psi a ́ \phi \iota \mu \mu a$ ，see $142 a$ ．

5．$-\tau \eta \rho=-\tau \eta s(-\tau \bar{s} s)$ ．As a productive suffix of nouns of agency the older $-\tau \eta \rho$ has been very largely displaced by $-\tau \eta s(-\tau \bar{a} s)$ ，but most fully in Attic prose．As forms with $-\tau \eta \rho=$ usual $-\tau \eta \rho(-\tau \bar{a} s)$ are not infrequent in poetry，e．g．Hom．è $\theta \epsilon \lambda 0 \nu \tau \eta \dot{\rho}$ ，Hes．aủ $\lambda \eta \tau \eta \eta^{\prime} \rho$ ， so they occur also sometimes in the dialects，e．g．Locr．，Pamph．

 Hom．ia $\boldsymbol{\tau}$ и́ $\rho=$ usual iarpós．

6．$-\iota o s=-\epsilon o s$ ．In adjectives of material Lesbian and Thessalian have－七os（which is not from－tos；Boeot．－七os may be－七os or－ $\boldsymbol{\text { os }}$ ）， as Lesb．$\chi \rho{ }^{\prime} \sigma \iota \sigma$ ，$\chi$ á $\lambda \kappa \iota o s, ~ a ́ \rho \gamma u ́ \rho i o s, ~ T h e s s . ~ \lambda i \theta ı o s ~(c f . ~ H o m . ~ \lambda i \theta e o s, ~$ but in most dialects $\lambda(\theta i \nu 0 s)$ ．

7．$-\eta \nu=-\omega \nu$ ．Hypocoristic proper names in $-\eta \nu$ instead of the usual $-\omega \nu$ ，as＇A $\rho \chi \eta^{\prime} \nu$, T $\iota \mu \dot{\eta} \nu$ ，are very frequent in the Corinthian colonies of Apollonia and Epidamnus，and are occasionally found elsewhere．

8．$-\omega \nu \delta \bar{a} s,-o \nu \delta \bar{a} s$ ．Patronymics in $-\omega \nu \delta \bar{a} s$ ，as＇ $\mathrm{E} \pi a \mu \epsilon \iota \nu \omega \nu \delta a s$ ，are most common in Boeotian，but are not infrequent in Phocian and Euboean（ $-\omega \nu \delta \eta \varsigma$ ），while elsewhere they are rare and probably im－ ported．The parallel，but less common，oov $\delta \bar{a} s$ is attested for Boeo－ tian，Thessalian，Locrian，and Euboean．

9．Individual cases of dialectic variation in suffix are of course frequent．So，for example，Thess．$\lambda i \theta_{l o s}=\lambda i \theta_{i \nu}$（cf．above， 6 ），Ion．
 $=\dot{a} \nu a ́ \lambda \omega \mu a$ ，Boeot．，Epir．$\pi о \theta o ́ \delta \omega \mu a$（after ả $\nu a ́ \lambda \omega \mu a)=\pi \rho o ́ \sigma o \delta o s$,
 $\sigma l a$, Cret． $\boldsymbol{\eta} \mu i \nu a=\tau \grave{o} \grave{\eta} \mu \boldsymbol{\mu} \nu$（also Sicil．$\dot{\eta} \mu i \nu a$, used，like Epid．$h \bar{\epsilon} \mu i-$ $\tau \epsilon \iota a$ ，in the sense of $\dot{\eta} \mu i \epsilon \epsilon \tau \tau \nu)$ ），Cret．$\theta_{i} \nu o s$（from＊$\theta_{l-\iota \nu o ́ s}$ formed
 Att．á $\delta \epsilon \lambda \phi o{ }^{\prime} s$ but á $\delta \epsilon \lambda \phi \epsilon \sigma^{\prime}$ in other dialects，Delph．rá $\mu \in \lambda a$（cf．


165．1．－тepos．Noteworthy examples of the use of this suffix to denote contrasted relations（not merely those of degree as in the



2．－ıठıos forming adjectives from adverbs or adverbial phrases， as $\dot{a} i ́ \delta \iota o s, ~ \epsilon ̇ \pi \iota \theta a \lambda a \sigma \sigma i \delta \iota o s . ~ S o ~ E l . ~ \pi \rho o \sigma \theta i ́ \delta ı o s ~(\pi \rho o \sigma \tau \iota \zeta(o ̄ \nu), ~ C r e t . ~$ èv $\delta o \theta i \delta \iota o s ~(e ̇ ̀ \nu \delta o \theta \iota \delta i a \nu ~ \delta o ́ \lambda a \nu ~ h o u s e h o l d ~ s l a v e), ~ E p i d . ~ e ̀ v \delta o \sigma \theta i ́ \delta ı o s ~$



3．－тpov．From words like $\lambda$ útpov means of release，hence ran－ som，the suffix came to be used freely in words denoting reward or amount paid，as víca⿱亠乂口ov reward of victory，Epid．lazpa per－ quisites for healing，Ion．，Coan $\tau$ é $\bar{\epsilon} \sigma \tau \rho a$ expenses of inauguration （of the priest．Cf．Coan te入é $\omega$ inaugurate），Cret．кó $\mu \iota \sigma \tau \rho a$ gifts （more specific？），and，even from a numeral，Cret．трícoa the three－ fold amount．

4．$-\epsilon \omega \nu,-\omega \nu$ in nouns denoting place，as á $\boldsymbol{\nu} \delta \rho \omega \nu^{\nu}$（Ion．á $\nu \delta \rho e \omega \dot{\nu}$, Pamph．$\dot{a}(\nu) \delta \rho \iota \iota o ̛ \nu), \dot{a} \mu \pi \epsilon \lambda \omega \dot{\nu}, \nu \epsilon \kappa \rho \omega \dot{\nu} \nu, \dot{o} \rho \nu \iota \theta \dot{\omega} \nu$. To this large class belong Heracl．$\tau о \phi \iota \omega \dot{\nu}(\iota=\epsilon, 9.6)=\tau a \phi \epsilon \omega \dot{\nu}$ burial－place，$\gamma$ a $\iota \omega ́ \nu$ heap of earth（cf．yaє由́v from Halaesa），及oผ́v cow－shed，Ion．$\sigma \tau \epsilon \phi \omega ́ \nu$ ridge．

This class is not to be confused with nouns of agency in Ion． $-\epsilon \omega ́ \nu$ but Dor．etc．－á $\omega \nu,-\frac{\alpha}{\alpha} \nu$ ，as Ion．$\xi v \nu \epsilon \omega \dot{\prime}$, Dor．кoivá̀ $\nu$ ．See 41．4．
 $\kappa \lambda e ́ a s, ~ a r e ~ m o s t ~ c o m m o n ~ i n ~ T h e s s a l i a n, ~ b u t ~ a l s o ~ o c c u r ~ i n ~ B o e o t i a n, ~$ Phocian，and Aetolian．－$\kappa \lambda$ éás is a modification of $-\kappa \lambda$ éns under the influence of hypocoristics in $-\epsilon \bar{\alpha} s$ ．
 $\Theta \epsilon \dot{\zeta} \zeta$ отоs，$\Theta \iota o ́ \zeta o \tau o s ~(f o r m e d ~ a f t e r ~ \Delta \iota o ́ \sigma-\delta o \tau o s, ~ c f . ~ \theta \epsilon ́ \sigma \sigma \delta o т o s ~ i n ~ H e-~$ －siod），instead of usual $\Delta$ tóסotos，$\Theta \epsilon o ́ \delta o \tau o s, ~ a r e ~ f r e q u e n t ~ i n ~ B o e o t i a n, ~$
 Elsewhere such forms are rare and doubtless imported．
167. The interchange of different vowel stems in the first member of a compound, or before a derivative suffix, is sometimes dia-

 $\pi o \lambda \iota s$, likewise Rhod. T $\iota \mu \hat{\nu} \nu a \xi\left({ }^{*} T \iota \mu \hat{a}-(f) a \nu a \xi\right)$ instead of usual

 ìえāтó $\mu$ оя.

Arc., Locr., Thess. oiкcấtas (or foıkcấtas) from oikíā, for usual oiкétŋs from oicos (fooceús is the form used in Cretan, as sometimes


 with -oû oos from $\kappa \lambda \eta \rho o \hat{\chi} \chi$ os etc.).
 inscriptions), Lesb. iคךтєv́a, Cret., Cyren. iapıтєv́ $\omega$, Mess. iєpıтєv́ $\omega$, Chalced. iє $\rho \omega \tau \epsilon v ́ \omega, ~ i \epsilon \rho \omega \tau \epsilon i ́ a ~(c f . ~ A t t . ~ i \epsilon \rho \omega \sigma u ́ \nu \eta) . ~$

Carpath. $\delta a \mu$ étas, like oiкét $\eta \mathrm{s}$, for usual $\delta a \mu o ́ \tau a s, \delta \eta \mu o ́ \tau \eta s$, as conversely oikóт $\eta$ s in an Attic inscription. So Cret. Bléos (cf.

 $\tau \eta \varsigma$, Meg. 'A yò $\lambda a o s=$ 'A $\gamma e ́ \lambda a o s$.

After the analogy of names containing inherited $\iota$-stems arose
 various dialects, Rhod. Mevi $\delta a \mu o s, ~ E l . ~ \Sigma a l \kappa \lambda a \rho o s, ~ C o a n, ~ N i s y r ., ~$ Mel. $\Lambda a i ́ \sigma \tau \rho a \tau o s, ~ N i s y r . ~ \Lambda a \iota \sigma \theta e ́ \nu \eta s . ~$
a. The well-known lengthening of the initial vowel of the second member of compounds, as in ávต́vv



168. Use of a patronymic adjective instead of the genitive singular of the father's name. Though occasionally found in literature, as in Hom. Te $\lambda a \mu \omega \dot{\omega} \nu l o s$ Al̈as, this is the regular practice in prose
only in the three Aeolic dialects．Thus Lesb．Mé $\lambda$ à $\chi$ pos Пı $\theta$ 由́vetos，


a．When the father＇s name is itself a patronymic form in－das or－cos， the genitive is regularly employed in Boeotian ；so also in early Thessalian， but later the adjective forms like＇Entкратídaios，Truovvídanos are usual．
b．Under кouv＇influence the use of the adjective was given up in favor of the ordinary genitive construction．Thus in Boootian the genitive is usual after about 250 B．c．and occasionally found earlier．There is some evidence that the Plataeans adopted the Attic usage at an early date．See no． 42.
c．There are also examples in Thessalian and Boeotian of adjectives in agreement with appellatives，in place of a genitive of possession．Thess． По入vకєvaía é $\mu \mu^{\prime}(\mathrm{sc} . \dot{a} \sigma \tau a \dot{\lambda} \lambda \lambda)$ ，etc．See the following．
d．A genitive may be used in apposition to that implied by the adjec－


 of Gaucus，where 「avkio is also a patronymic adjective，but in apposition with the genitive implied in Nucciól．

## SYNTAX

169. Although the syntax of the dialects deserves fuller investigation than it has received, yet syntactical differences between the dialects are much less striking than those of phonology and inflection. To a considerable extent they consist merely in the conservation in some dialects of early forms of expression which have become rare or obsolete in literary Greek, and in a less strict formalization of usage. Some peculiarities have already been mentioned in connection with the forms, e.g. in the use of certain pronouns (121131), adverbs and conjunctions (132-134), and in the meaning and construction of prepositions (136). It is necessary to add here only a few comments on certain uses of the cases and the moods. Some other, more isolated, peculiarities are observed in the notes to the inscriptions.

## CASES

## The Genitive

170. Genitive of Time. The genitive of the 'time within which' is especially frequent in the early Cretan inscriptions, although ${ }^{\boldsymbol{\epsilon}} \boldsymbol{\nu}$ with the dative is already the more usual expression. In both cases the article is used, while in late inscriptions we find only $\boldsymbol{\epsilon} \nu$ with the dative and without the article. Cf. Law-Code, I. 25 خayáซaı $\tau \hat{a} \nu$ $\pi e ́ v \tau^{\top} \dot{a} \mu \epsilon \rho a ̂ ̀ \nu$ release within five days, but I. 6 èv тaîs тpıбì à $\mu e ́ \rho a \iota s$. So in Locrian, but without, the article, $\tau \rho \iota \bar{o} \nu \mu \bar{\nu} \nu o ̄ ̀ \nu$ beside $\bar{\epsilon} \nu \tau \rho \iota a ́-$ $\rho o \nu \tau^{\prime} \dot{a} \mu a \dot{a} \rho a \iota s$, as also in early Attic inscriptions.

Aside from the adverbial phrases $\nu v \kappa \tau o{ }^{\prime}$ etc., the use of the genitive of time is most persistent in dating, as $\mu \eta \nu o ̀ s \dot{\varepsilon} \beta \delta \delta^{\prime} \mu o v$ etc., the usual expression in most dialects. More noteworthy is the phrase $\kappa a i$ то $\lambda^{\prime} \mu о \nu(-\omega) \kappa a i$ єip $\eta \nu \eta s(-a s)$ which is common in the proxeny decrees of various dialects, though eventually replaced in many by $\grave{\epsilon} \nu \pi o \lambda e ́ \mu \omega \iota ~ \kappa \tau \lambda$.

The genitive of time is used distributively in various dialects, as
 $\kappa a \tau^{\prime}$ à $\mu$ épav.
171. Genitive of the Matter involved, in legal phraseology. Although the genitive of the charge or penalty is common to all dialects, the genitive is nowhere else used so freely as in Cretan to

 in the case of a freeman, five staters in the case of a slave, $\tau \hat{\bar{o}} \mathrm{\delta} \dot{\mathrm{e}}$
 scribed for each case.

## The Dative

172. The adnominal dative is more common than in literary Greek, and is especially frequent in the introduction to inscriptions or their separate sections, e.g. El. á ffáifa toîs fa入єloıs, Locr. тò




For the dative instead of the genitive construction with various prepositions in Arcado-Cyprian, see 136.1.

## The Accusative

173. A noteworthy accusative absolute construction is seen in
 the Fifty or the Three Hundred approve. This is an extension from instances where the participle agrees with the accusative of a pre-

 ypaitiol as is prescribed in the case of those who conspire.

## THE MOODS

## The Subjunctive

174. The subjunctive without $\underset{\alpha}{\boldsymbol{\nu}} \boldsymbol{\nu}$ or $\kappa a$ in conditional, relative, and temporal clauses, where the particle is regularly employed in

Attic prose, though frequently omitted in Homer and sometimes elsewhere (Kühner-Gerth II, pp. 426, 449, 474), is attested for several dialects, though always as the less common construction.
 ples with $\kappa a$ in the same inscription), Arc. $\epsilon \boldsymbol{i} \delta \dot{e} \tau \iota s \dot{e} \pi \iota \iota \iota \iota a ́ v \bar{e}$ (Co-


 ter (Law-Code VI.1). Examples are not infrequent in later Locrian, Phocian, and Delphian inscriptions.

## The Optative

175. In Elean the optative with $\kappa a$ is the usual form of prescriptions, e.g. $\sigma v \nu \mu a \chi i ́ a ~ \kappa ’$ ẻa éкaтòv fétєa let there be alliance for a
 of ten minae. Similarly in Cyprian, but without $\kappa \epsilon$, e.g. $\delta \boldsymbol{\omega} \kappa$ ко $\nu v$ ßaol入eús the king shall give.

The subjunctive without $\kappa a$ is used in the same sense in a late Elean inscription (no. 61.32,36).
176. 1. The optative in conditional clauses survives in several dialects, although, except in Elean, it is much less frequent than the subjunctive, and indeed is almost wholly eliminated in favor of the subjunctive in Attic-Ionic inscriptions, and in Lesbian, Thessalian, Boeotian, Cyprian, Heraclean, Theran, Coan, Rhodian,- in fact in the majority of dialects. Where the optative survives, it is sometimes used with a still recognizable differentiation from the subjunctive, but oftener without such. In the Gortynian Law-Code, which offers the fullest material, there are in conditional clauses about 50 optatives to about 80 subjunctives. Some of these occur where the contingency is obviously one more remotely anticipated (e.g. VII.9, but if there should not be any free persons, as contemplated in the preceding subjunctive clauses; I.11, but if one should deny), others as mere variants of the subjunctive for parallel or even identical contingencies (e.g. opt. IX. $18=$ subj. VL.25). In

Locrian, no. 56 A has the optative only (cf. also the relative clause fót $\sigma v \lambda a \dot{\sigma} \sigma a \iota$ ), whereas no. 56 B and no. 55 have the subjunctive only. In Delphian, no. 51 has the subjunctive usually, but ai $\delta^{\prime} \dot{\epsilon} \phi \iota-$ орке́oг $\mu \iota$ A17, in an oath, where Attic also would have the optative, also aí $\delta^{\prime}$ éфьоркє́o C 6 (here indirect discourse), and aí סé тı тоú$\tau \omega \nu \pi a \rho \beta a ́ \lambda \lambda о \iota \tau o$ C25, C50, D17; and in the numerous Phocian and Delphian manumission decrees the optative is of very frequent occurrence. The optative, beside the subjunctive, occurs also in Corcyraean, Achaean, and in the Northwest Greek кoılı' (e.g. no. 62). In Argolic, the archaic nos. 76 and 78 have the optative only, and this occurs in some of the later inscriptions (but in no. 84 the optatives are in indirect discourse). In Arcadian, nos. 16 and 17 have the subjunctive only, but in no. 18 there are some examples of the optative. Even in the same clause the alternation of subjunctive and optative is not infrequent, e.g. Delph. $\epsilon i \delta e ́ \kappa a \mu \grave{\eta} \pi o \iota \hat{\eta} \hat{\eta} \mu \grave{\eta}$

2. In relative and temporal clauses of future time, the predominance of the subjunctive is even more marked. Noteworthy is the Tean curse, no. 3, where ö $\sigma \tau \iota s$ with the optative is used in the curse proper, ll. 1-34, while in the postscript warning against harming the stele on which the curse is inscribed, ll. 35-40, we find ôs ă ${ }_{\nu}$ with the subjunctive. There are a few examples of the optative in Cretan (Law-Code IV.14, and a few others), Locrian (see above), Delphian, and elsewhere (see 177).
3. But in Elean the optative is uniformly employed in conditional, relative, and temporal clauses. For examples in conditional and relative clauses, see nos. 57-59. In the later no. 60 the subjunctive also occurs, but with future perfect force.
4. In final clauses the optative occurs, e.g. Heracl. Tab. I. 53 ff .

 ... $\dot{\epsilon} \mu \mu$ évocev. But it is very rare, and most dialects have only the subjunctive with or without ă $\nu(\kappa a, \kappa \epsilon)$, or sometimes the future indicative.
177. There are some examples of $\kappa a$ with the optative in conditional clauses, etc., as sometimes in Homer (Kühner-Gerth II, pp. 482, 453), e.g. Locr. aí $\kappa^{\prime} \dot{a} \delta i ́ \kappa o ̄ s ~ \sigma v \lambda o ̂ ̀ \iota ~(n o . ~ 56.4) ; ~ C r e t . ~ a i ̌ ~ \kappa a . ~ . ~ . ~$ $\mu \eta े ~ \nu u v a \tau o ̀ s ~ \epsilon i ้ \eta, ~ E p i d . ~ a i ̂ ~ к a ~ i ́ \gamma \iota \eta ̂ ~ \nu \iota \nu . ~ \pi о \iota \eta ́ \sigma a \iota ~(n o . ~ 84.60), ~ D e l p h . ~ \epsilon i ~$



## The Imperative and the Infinitive

178. Both the imperative and the infinitive are freely used in prescriptions, often side by side in the same inscription. In general the infinitive is more-frequent in early, the imperative in later, inscriptions. For the Elean use of the optative with the same force, see 175.

## WORD ORDER

179. A peculiarity of word order which is worthy of mention is the position of $\tau \iota \varsigma$ before $\kappa a$ in the phrase aľ $\tau i \prime \kappa \kappa a, a i j e ́ \tau i s \kappa a$. This is the regular order in the West Greek dialects, as contrasted not only with Att.-Ion. $\epsilon \in \dot{a} \nu \tau \iota \varsigma, \eta ้ \nu \tau \iota \varsigma$, but with Arc. $\epsilon i \delta^{\prime}{ }^{\prime}{ }^{2} \nu \nu \tau \iota \varsigma$, Cypr.
 Boeotian has also, though less frequently, the West Greek order $\eta{ }_{\eta} \tau i \leqslant \kappa a$.

## SUMMARIES OF THE CHARACTERISTICS OF THE SEVERAL GROUPS AND DIALECTS

180．The following summaries，while not exhaustive，are intended to call attention to the most important characteristics of each group and dialect．These are indicated in the briefest manner，sometimes by a mere example，sufficient to identify，but not always to define， the phenomenon in question，and these brief indications are always to be interpreted in the light of the sections to which reference is made in each case．Of peculiarities in vocabulary only some few of the most striking are mentioned．${ }^{1}$

To avoid needless repetition，many phenomena which are pecu－ liar from the standpoint of Attic or Attic－Ionic，but are common to all or most of the other dialects，are usually omitted，e．g．

1．Original $\bar{a}$ unchanged． 8
2． $\bar{a}$ from $\bar{\alpha}, \bar{a} \omega .41 .4$
3．$\eta$ from $a \in .41 .1$
4．Absence of $\nu$－movable． 102
5．Apocope of prepositions． 95
6．$\pi \delta ́ \lambda \iota \varsigma, \pi \delta \dot{d} \lambda \iota o s$, etc． 109.1
 $\dot{\eta} \mu$ eîs etc．119．2，5
8．Infin．－$\mu \in \nu .154 .3$

10． $\boldsymbol{\eta} \rho=\boldsymbol{\eta} \nu .163 .3$

11． $\boldsymbol{\epsilon} \omega{ }^{\omega} \nu=\boldsymbol{\omega} \nu .163 .9$
12．$a i=\epsilon i .134 .1$

14．$i \sigma \tau i a=\dot{\epsilon} \sigma \tau \ell a .11$

16．$\delta e ́ к о \mu a \iota=\delta є ́ \chi о \mu a l . ~ 66$

18．$\delta a \mu \iota o \rho \gamma o ́ s=\delta \eta \mu \iota o v \rho \gamma o ́ s .44 .4$
19．ท้ ขєєка，ท้ข七ка＝グขєүка． $144 a$
20．$\pi \hat{a} \mu a=\kappa \tau \hat{\eta} \mu a .49 .5 a$
21．$\imath^{\kappa} \omega \omega=\tilde{\eta} \kappa \omega$ ．Glossary

## EAST GREEK

## Attic－Ionic

181．Important characteristics of Attic－Ionic（1－7 specific Att．－ Ion．，8－9 in common with Arc．， 10 with Arc．－Cypr．）：

[^16]1. $\eta$ from $\bar{a} .8$
2. ê $\theta \epsilon \sigma a v$, é $\delta o \sigma a v$, etc. 138.5
3. Quantitative metathesis ( $\lambda \epsilon \omega$ śs etc.). 41.4, 43
4. $\nu$-movable. 102
5. $\dot{\eta} \mu \in \mathrm{îs}$, acc. -éas, $-\hat{a} \mathrm{~s} .119 .2,5$
6. $\pi 0 \hat{0}$, ö $\pi 0 \cup$, etc. 132.1
7. $\boldsymbol{\eta} \nu 3 \mathrm{sg}$. imperf. of $\epsilon i \mu l$. 163.3
8. Conjunction $\epsilon i .134 .1$
9. Particle ằ ${ }^{2}$. 134.2
10. Infin. - val. 154.1
11. Very early loss of $f .50$

## Ionic

182. The chief characteristics of Ionic, as compared with Attic, are as follows. Some few of these are Ionic only (notably 1, also $8,9,14,20,22$ ), but most are common to various other dialects, some indeed to all except Attic, being repeated here from 180 to bring out the contrast with Attic more fully. A few peculiarities which are not general Ionic, but are common to all branches except West Ionic, are included.
183. $\eta$ from $\bar{a}$ even after $\epsilon, \iota, \rho .8$
184. $\epsilon a, \epsilon 0, \epsilon \omega, \epsilon \circ$ usually uncontracted. 42.1,5,6
185. $\epsilon \boldsymbol{v}=\epsilon 0$, from IV cent. on. 42.5
186. Crasis of $o, o ̣(o v), \omega,+a=\omega$, as $\tau \omega \dot{\gamma} \hat{\omega} \nu 0 s=$ Att. $\tau \dot{a} \gamma \hat{\omega}-$ vos. 94.1
187. $\xi \in \hat{L} \nu \circ \varsigma, \kappa 0 \cup ์ \rho \eta$, etc. 54 with $a$
188. $\sigma \sigma=$ Att. $\tau \tau .81$
189. $\rho \sigma=$ Att. $\rho \rho .80$
190. $\eta^{\eta} \nu=$ Att. $e^{a} a ́ v, a ̆ v \nu .134 .1 b$
191. $\bar{a}$-stems, gen. sg. m. $-\epsilon \omega,-\omega$, gen. pl. $-\epsilon \omega \nu,-\hat{\omega} \nu$, dat. pl. $-\eta \iota \sigma \iota(\nu) .41 .4,104.7$

192. $\beta a \sigma \iota \lambda \epsilon u ́ s$, tós, etc. 111.3
193. $-\kappa \lambda \hat{\eta} \mathrm{s},-\kappa \lambda$ éos. $108.1 a$
194. $\mu \iota$-verbs inflected like contracts, as $\tau \iota \theta \epsilon \hat{i}, \tau \iota \theta \epsilon i ̂ \nu . ~ 160$
195. 3 pl. тı日éáaı etc. 139.2
196. $\boldsymbol{\epsilon} \dot{\omega} \nu=$ Att. $\boldsymbol{\omega} \nu .163 .8$
197. Suffix $-\eta$ oos $=$ Att. $-\epsilon$ los. 164.1

198. ipós (ipós) beside iepós. 13.1
199. $\mu e ́ \zeta \omega \nu=$ Att. $\mu \in \zeta \zeta \omega \nu .113 .1$
200. $\delta$ éќк $\nu \nu \mu \iota=$ Att. $\delta \in i \in \kappa \nu v \mu \iota .49 .1$
201. кєî̀os = Att. èкeî̀os. 125.1
202. $\boldsymbol{\xi} v$ vós $_{=}=$Att. кoıvós. 135.7
 meaning $=\kappa$ úplos. 49.2a, Glossary
203. $\delta \eta \mu \iota o \rho \gamma o ́ s=A t t .-o v \rho \gamma o ́ s .44 .4$
204. iotia $(\boldsymbol{i} \sigma \tau i a)=A t t . \dot{\varepsilon} \sigma \tau i a .11$
 $144 a$
205. $i \theta$ ús $=$ Att. $\epsilon \dot{e} \theta$ ús. Glossary
206. East Ionic is further characterized by :

207. Short-vowel subj. of $\sigma$-aorist. 150.
208. Chian. The dialect of Chios contains a few special characteristics, which are of Aeolic origin :
209. 3 pl . $\lambda a^{\alpha} \beta \omega \iota \sigma \iota \nu, \pi \rho \dot{\eta} \xi \circ \iota \sigma \iota \nu$, etc., with $\iota \sigma$ from $\nu \sigma$. 77.3.
210. Inflected cardinals, $\delta$ éк $\kappa \nu, \pi \epsilon \nu \tau \eta \kappa o ́ v \tau \omega \nu$, etc. 116.

Note also $\boldsymbol{\gamma} \boldsymbol{\gamma} \omega \nu$ é $\omega$ call aloud, as in Homer.
a. The Aeolic doubling of nasals ( $\mathbf{7 3} \mathrm{ff}$.) is seen in the names of the mountain IIe入ervaiov in Chios and the promontory "Appervov opposite Chios, also in the personal name Фavoi $\theta$ ems in an inscription of Erythrae. Likewise Aeolic is the Phocaean Zıov́( $\sigma$ oos), 19.1. All these features are relics of a time when the line between the Aeolic and the Ionic colonies was farther south than in the historical period.
185. Central Ionic differs from East Ionic in the absence of psilosis, etc. (183). Note also the restricted use of H, i.e. only $=\eta$ from $\bar{a}$, in the early inscriptions of some of the islands. 4.6.
186. West Ionic, or Euboean, differs from the other divisions of Ionic as follows :

1. $\tau \tau$ as in Attic, not $\sigma \sigma .81$
2. $\rho \rho$ as in Attic, not $\rho \sigma .80$
3. $\xi \in$ évos etc. as in Attic, not $\xi \in \hat{i}-$ vos. 54
4. $-\epsilon \iota,-\infty \iota$ from $-\eta \iota,-\omega \iota$ (in Eretria about 400 b.C.). $39 a$
 тa, тaútทı, èvтâ̂ $\theta a .124$

5. Proper names in $-\iota \varsigma$, gen. $-\iota \delta o s$, as often in Attic (East and Central Ion. -tos). 109.5
6. $\epsilon i \nu$ beside $\epsilon i v a i . ~ 160$
7. Eretrian. In addition to the other Euboean peculiarities, the dialect of Eretria, seen in inscriptions of Eretria and Oropus, is specifically characterized by the rhotacism of intervocalic $\sigma$, as
 due to Attic influence.
8. Attic influence. Ionic was the first of all dialects to yield to Attic influence, and after the fifth century there are few inscriptions that are wholly free from Attic forms. See 277.

## Arcado-Cyprian ${ }^{1}$

189. Special characteristics of Arcado-Cyprian : ${ }^{2}$
190. $i \nu=\dot{e} \nu .10$
191. $\sigma \iota \varsigma, \underline{\sigma} \iota=\tau \iota \varsigma$ (but Arc. usu-
192. Gen. sg. -av. 22

$$
\text { ally } \tau(\varsigma) .68 .3
$$

3. $\pi o ́ s=\pi \rho o ́ s . ~ 135.6$

4. $\kappa a ́ s=\kappa a l$ (but Arc. usually
5. Dat. with $\dot{a} \pi \mathbf{m}^{\prime}, \boldsymbol{e} \boldsymbol{\xi} \xi$, etc. 136 $\kappa a i ́) .134 .3$
6. $-\kappa \rho$ ét $\eta \mathrm{s}=-\kappa \rho a ́ \tau \eta \mathrm{~s} .49 .2$
7. Characteristics common to Arcado-Cyprian and various other dialects (1 Att.-Ion., 2 Ion., 3-6 Aeol., 7 N.W.Grk.): ${ }^{1}$
8. Infin. in -val. 154.1
9. $\beta \delta \dot{\lambda} \boldsymbol{\lambda} о \mu a \iota=\beta o u ́ \lambda о \mu a \iota .75$ b
10. $\dot{a} \pi \tilde{v}^{\prime}=\dot{a} \pi \mathbf{c}^{\prime} .22$
11. $o \dot{\nu}(\dot{\nu} \nu)=a \dot{a} \nu a ́ .6,22$
12. $o \rho=a \rho .5$
13. $\mu \iota$-inflect. of contract vbs. 157
14. $\grave{\epsilon} \nu(i \nu)=\epsilon i s .135 .4$
15. $\eta, \omega=$ spurious $\epsilon l$, $o v .25$
16. ${ }^{\prime} \varsigma=\epsilon \in \xi$ before cons. (but Cypr. also $\boldsymbol{\epsilon}_{\xi} \xi$ ). 100
17. Masc. $\sigma$-stems, acc. sg. $-\eta \nu$ (Arc. also voc. sg. $-\eta$ ). 108.2
18. $i \in \rho \eta_{s}=i \in \rho \in u ́ s$, etc. (but usual only in Arc.). 111.4
19. Subj. $-\eta \varsigma,-\eta .149$
20. Article as relative. 126
21. Noteworthy is the considerable number of words or meanings which are otherwise known only, or with rare exceptions, as poetical, mainly Homeric. Some of the most striking examples are:
1) In Arcadian and Cyprian. aifa share (also Lac.), ol( $f$ )os alone, củzo $\lambda a ́$ prayer or imprecation.
2) In Arcadian. $\delta$ éa $\mu a l$, à $\pi v i \omega$ summon, кé $\lambda \epsilon \cup \theta o s ~ r o a d, ~ \delta \hat{\omega} \mu a$ temple, $\boldsymbol{a}_{\mu} \mu \boldsymbol{\rho}$ (but see no. 16.21, note).
3) In Cyprian. fáva乡, à $\nu \omega ́ \gamma \omega, ~ a u ̉ \tau a ́ \rho, ~ e ̂ ̉ \lambda o s ~ m e a d o w, ~ i ̀ j a \tau \eta ́ \rho, ~ \kappa a \sigma i ́-~$
 on (Hom. रpav́ $\omega$ graze), idé, $\nu v$ (also Boeot. 134.5).
[^17]
## Arcadian

192. Arcado-Cyprian characteristics. See 189-191.
193. In common with various other dialects (1, 2 Att.-Ion., 3,4 Lesb., 5 Aeol., 6, 14, 15 West Greek) :
194. Conjunction $\epsilon$ i. 134.1
195. Particle à $\nu .134 .2$
196. סéкотоs $=$ סéккатоs. 6
197. Pass. infin. $-\eta \nu .155 .2$
198. $\pi \epsilon \delta \dot{a}^{\prime}(\pi \epsilon \in)=\mu \epsilon \tau a^{\prime} .135 .5$
199. $\pi a \rho \epsilon \tau a ́ \xi \omega \nu \sigma \iota$ etc. 142
200. $\rho \rho=\rho \sigma .80$
201. $\pi a ́ v \sigma a$ etc. 77.3
202. Acc. pl. -os, nom. sg. part. hiepo日vtés. 78
203. Dat. sg. -oc. 106.2
204. Subj. סéāтot etc. 151.1
205. Infin. $-\boldsymbol{e v} .153 .2$
206. 3 pl. imv. $-\nu \tau \omega .140 .3 a$
207. $\boldsymbol{\eta} \mu \iota \sigma \sigma o s=\tilde{\eta} \mu \iota \sigma \nu s$ (but also the latter). 61.6
208. ó $\delta \in \lambda o ́ s=$ ó $\beta o \lambda o$ ós. 49.3
209. $\mu$ é $\tau^{\prime}$ until. 132.9
210. Peculiarities in the use of the spiritus asper. $58 a, d$ 18. $f$ in early inscr. initially and after cons., but lost between vowels; initially tillabout 300 b.c. $52,53,54$
211. Special Arcadian :
212. $\kappa a \tau v ́=\kappa a \tau a ́ .22,95$
213. $\pi \lambda$ ós $=\pi \lambda$ éóv. 113.2
214. єíк ăv. 134.2 a
215. àmvסóas =à $\pi=\delta o u ́ s . ~ 144$
216. $\delta e ́ \lambda \lambda \omega=\beta \dot{a} \lambda \lambda \omega .68 .1$
 61.5
.
217. $\dot{\partial} \nu \ell=\check{\prime} \delta \mathrm{e} .123$
218. External influence in the dialect. The fact that $\kappa a{ }^{\prime} s$ and $\boldsymbol{\sigma} \iota s$, agreeing with Cyprian, are found only in one early inscription (no.16), while all others have $\kappa a i ́$ and $\tau \iota s$, is probably due to external influence, though not specifically Attic. See 275. The Tegean building inscription (no. 18) of the third century shows some few Attic $\kappa o \iota \nu \eta$ forms, as $\pi \lambda \epsilon \sigma^{\prime} \nu$ instead of $\pi \lambda{ }^{\prime}{ }^{\prime}$, once gen. sg. -ov, etc. From the latter part of the third century on, when the chief Arcadian cities belonged to the Achaean, and for a time to the Aetolian, League, the language employed in most of the inscriptions is neither

Arcadian nor Attic $\kappa o \iota \nu \eta$, but the Doric, or in part Northwest Greek, коı $\eta_{\eta}$. See 279. But the decree of Megalopolis (Ditt. Syll. 258) of about 200 b.C., though showing a remarkable mixture of forms, is mainly in the native dialect.

## Cyprian

196. Arcado-Cyprian characteristics. See 189-191.
197. In common with various other dialects:
198. $\iota$ from $\epsilon$ before vowels. 9.3
199. Glide sound after $\iota$ expressed, as ijarê$p a \nu .56$
200. $a t \lambda o s=a ̆ a \lambda \lambda o s .74 b$
201. Psilosis. 57
202. $\pi \epsilon \boldsymbol{i} \sigma \epsilon{ }^{1}{ }^{1}=\tau \epsilon \boldsymbol{i} \sigma \epsilon \iota$. 68.1,2
203. Occasional omission of intervoc. and final $\sigma .59 .4$
204. Gen. sg. $-\bar{o} \nu .106 .1 \quad$ 6. mat indeed. 132.5
205. $\pi$ ró̀ $\lambda \iota$ fl etc. 109.4
206. $\bar{\epsilon}=\epsilon i .134 .1$
207. 3 sg. mid. $-\tau v=-\tau 0.22$
208. $\delta v_{f} a^{\prime} \nu \omega, \delta \omega ́ \kappa \omega=\delta i \delta \omega \mu \iota .162 .11$
209. $\zeta \hat{a}=\gamma \hat{a}$, etc. $\mathbf{6 2 . 4}$
210. $ศ \rho$ éta, $ศ \rho \overline{e ̄ \tau a ́ \omega . ~} 55$
211. $\dot{v}=\dot{\epsilon} \pi \boldsymbol{\pi} .135 .8$
212. It is uncertain whether the infinitive should be transcribed with $-\varepsilon v$ or $\bar{\epsilon} \nu$, the accusative plural with $-\infty s,-\bar{s}$, or $-o(\nu) s$. In the absence of any evidence to the contrary, we assume $-\boldsymbol{v}$ and -os in agreement with Arcadian. But the dative singular is to be transcribed -ot, in spite of Arc. $-\alpha$, on account of the frequent omission of the final $\iota$ (38); and the third plural ending is transcribed with $-\sigma t$, not $-(\nu) \sigma t$, in spite of Arc. $-\nu \sigma \iota$, on account of $\phi \rho 0 v \in \overline{o ̄}$ (59.4).
213. All dialectic inscriptions are in the Cyprian syllabary. The inscriptions in the Greek alphabet, beginning with the Macedonian period, are all in the $\kappa o \iota \nu \eta$.
[^18]
## Aeolic

201. Aeolic characteristics, common to Lesbian, Thessalian, ${ }^{1}$ and Boeotian ( 6 also Delph. etc., 7 also Arc.-Cypr., 8 also Arc.) :
202. Labial instead of dental in
203. ${ }^{\imath} a=\mu$ ía. 114.1
$\pi e ́ \mu \pi \epsilon=\pi \tilde{\nu} \nu \tau \epsilon$, etc. 68.2
204. $\rho \epsilon=\rho c .18$
205. Perf. act. part.- $\omega \nu,-$-оעтos. 147.3
206. Dat. pl. $\pi o ́ \delta \in \sigma \sigma$ etc. 107.3
207. Patron. adj. instead of gen. sg.
208. $\rho o=\rho a$, etc. 5
of father's name. 168
209. Өєрб-= Өарб-. 49.2
210. Aeolic characteristics, common to Lesbian and Thessalian ${ }^{1}$ (4-7 also Arc.-Cypr.) :
211. Double liquids and nasals in $\grave{\epsilon} \mu \mu \dot{\prime}, \sigma \tau \dot{\lambda} \lambda \lambda a$, etc. 74-76,
212. $\mu \iota$-inflection of contract verbs. 77.1, 79
213. ${ }^{\circ} \nu=\dot{a} \nu$ án $^{6} 6$

214. $\dot{a} \pi \hat{v}^{\prime}=\dot{a} \pi{ }^{2} .22$
sary
215. $\kappa \epsilon=a ̆ ้ \nu .134 .2$
216. $\varsigma$ from $\iota$ before vowels. 19
217. Aeolic characteristics, common to Lesbian and Boeotian (2 also Arc., Cret., etc.) :
218. èкќ̀ $\lambda \epsilon-\sigma \sigma a$ etc. 143
219. $\pi \epsilon \delta \dot{a}=\mu \epsilon \tau \dot{a} .135 .5$
220. Characteristics common to Thessalian ${ }^{1}$ and Boeotian only (of which, however, only 1, which is Homeric, belongs to the Aeolic elements of these dialects) :
221. Infin. $\phi \epsilon \rho \in ́ \mu \epsilon \nu$ etc. 155.1
222. Өєó̧отоя. 166.2
223. 3 pl. $-\nu \theta_{\iota}$ etc. 139.2
224. $\boldsymbol{\epsilon} \lambda \epsilon \xi \epsilon=\epsilon \boldsymbol{l} \pi \epsilon$ in the official
225. $\epsilon \iota=\eta .16$
language of decrees.
226. $\gamma$ ìv $\mu a \iota=$ fí $\nu \quad \mu a \iota .162 .5$

## Lesbian

205. Aeolic characteristics in common with one or both of the other Aeolic dialects. See 201-203.

[^19]206. In common with various other dialects ( 8,9 with Arcadian):

1. $\eta, \omega=$ spurious $\epsilon \ell$, ov. 25
2. Article as relative. 126
3. Final $-\bar{a},-\eta,-\omega=-\bar{a} \iota,-\eta \iota,-\omega \iota$, from end IV cent. on. 38
4. Psilosis. 57
5. Dat.pl.-a८ $\sigma \iota$,-o८ $\sigma \iota$. 104.7, 106.4
6. $\beta a \sigma i ́ \lambda \varepsilon u s,-\eta o s$, etc. 111.1
7. Masc. $\sigma$-stems, acc. sg. $-\eta \nu$, gen. sg. $-\eta$, etc. 108.2
8. Special Lesbian (1 in part Elean):
9. $\iota \sigma$ from $\nu s$, as acc. pl. $\tau a / s$,

тoís, 3 pl. фépoıбc. 77.3, 78
2. $a \check{\iota} \mu \iota \sigma \nu s=\dot{\eta} \mu \iota \sigma \cup ́ s$, etc. 17
3. aṽ $\omega \varsigma, \nu a v ̂ o \varsigma, ~ e t c . ~ 35$
4. ö $\tau a=$ ö $\tau \epsilon .132 .9$
5. öт $\tau \iota$, ŏ $\pi \pi \omega \rho$, etc. 129.2
6. Infin. ${ }_{\epsilon}^{\mu} \mu \mu \epsilon \nu a \iota$ etc. 154.2
7. Infin. $\delta \delta \delta \omega \nu, \kappa \in ́ \rho \nu \bar{a} \nu$, etc. 155.3
8. 3 pl. imv. - $\nu \tau 0 \nu,-\sigma \theta o \nu .140 .5$
9. Recessive accent. 103
10. $\pi \rho o ́ \tau a \nu \iota s\left(\right.$ rarely Att.) $=\pi \rho v v^{-}$ tavis. Glossary
208. External influence in the dialect. From the Macedonian period on - and very few of the inscriptions are earlier - there is usually some admixture of $\kappa o \iota \nu \eta \eta^{\prime}$ forms, as ảvá beside ${ }^{\circ} \nu, \mu \in \tau a ́$ beside $\pi \epsilon \delta \dot{a}$, ö $\tau \epsilon$ beside ö $\tau a$, etc. But in the main the dialect is employed in inscriptions till about the middle of the second century b.c. Its use in inscriptions of Roman imperial times (cf. no. 24) represents an artificial revival. See 280.

## Thessalian

209. Aeolic characteristics in common with one or both of the other Aeolic dialects. See 201, 202.
210. West Greek and Northwest Greek characteristics (cf. 223.1,2,4,6, and 226.1,4,8):
211. Retention of $\tau$ in $\delta(\delta \omega \tau \iota$ etc.
$(-\tau \iota$ not quotable, but $-\nu \theta \iota$
from - $\nu \tau \iota$ ), І้кать, то́т, По$\tau \epsilon$ โov̂̀. 61
212. $\psi a \phi(\xi a \sigma \theta \epsilon \iota \nu$ etc. 142
213. iapós beside ícoós. 13.1
214. $\dot{e} \nu=\epsilon i s .135 .4$
215. $\imath_{\kappa \alpha \tau \iota}=\epsilon \mathfrak{i} \kappa о \sigma \iota, 116$
216. $\sigma \tau=\sigma \theta$ (rare). 85.1
217. mapá at, with with acc. 136.2

211．In common with various other dialects：
1．$\iota$ from $\epsilon$ before vowels（but 9．Psilosis in article． $58 a$ oftener $\boldsymbol{\epsilon}$ ）． 9.7

10．$F$ init．till about 400 b．c．
2．Final $-\bar{a},-o v($ from $-\omega$ ），$-\epsilon \iota$ 11．Gen．sg．$-\bar{a} 0$ ，usually $\bar{a} .41 .4$ $($ from $\eta)=-\bar{a},-\omega \iota,-\eta \iota .38 \quad 12$ ．Gen．pl．－âovv，usually $-\hat{a} \nu$ ．
3．$\hat{e}^{s}=\bar{\epsilon} \boldsymbol{\xi} \xi$ before cons． 100
4．$\pi a ́ v \sigma a$ etc． 77.3 41.4

5．Acc．pl．－os． 78
13．＇ßaनı入єús，－モîos，etc． 111.1
6．$\tau \pi=\pi \tau .86 .2$
14．Plural inflection of $\delta v v^{\omega}$ ，as
7．$\pi \tau \dot{\partial} \lambda \iota \varsigma$ beside $\pi o ́ \lambda \iota \varsigma . ~ 67$
8．$\delta \delta=\zeta .84$
סúas． 114.2
15．Nıкок入́́as etc． 166.1
16．Article as relative． 126
212．In common with Boeotian only．See 204.
213．Special Thessalian：

1．$o v=\omega .23$
2．Gen．sg．－ol（butsee 214）． 106.1
3．$\kappa i^{\prime}$＇$=\tau i \prime$（but see 214）． 68.4
4．More extensive apocope than in any other dialect，name－ ly in кáт，$\pi o ́ \tau, \pi a ́ \rho, \pi e ́ \rho$, $\dot{o} \nu, \dot{a} \pi, \dot{e} \pi, \dot{v} \pi .95$
5．Consonant－doubling in $\pi \delta \lambda$－ $\lambda c o s, i \delta \delta i ́ a \nu, \kappa \hat{\rho} \rho \rho o \nu=\kappa u ́$ $\rho \iota o \nu$, etc． 19.3
6．$\delta \iota e ́=\delta \iota a ́ .7$
7． 3 pl．ėvєфаעí $\sigma \sigma 0 \epsilon \nu$, é $\delta o u ́ \kappa c a \epsilon u$, etc． 138.5
8． 3 sg．mid．é $\psi \dot{a} \phi \iota \sigma \tau \in \mathrm{etc}$ ． Larissa only． 27
9． 3 pl mid． モ́ $^{\boldsymbol{\phi}}{ }^{\prime} \nu \gamma \rho \epsilon \boldsymbol{v} \theta \in เ v$ etc． Larissa only．27， 139.2
10．Infin．$\delta \in \delta_{\boldsymbol{\delta}}^{\boldsymbol{o}} \boldsymbol{\sigma} \theta \epsilon \mathrm{lv}$ etc．Larissa only．27， 156

11．ŏvє $(\tau o ̛ v \epsilon, \tau o(\nu \epsilon o s$, etc．$)=$ ö $\delta e$ ．
123
12．Relative use of kís，moîos． 131
13．$\mu a^{\prime}=\delta e ́ .134 .4$
14．$\mu$ é $\pi \pi o \delta \iota=$ eै $\omega \varsigma .132 .9 a$
15．${ }^{*} \mathrm{~A} \pi \lambda o v \nu={ }^{\prime} \mathrm{A} \pi \delta{ }^{\prime} \lambda \lambda \omega \nu .49 .3$
16．Пєт $\theta a \lambda o ́ s=\Theta є \sigma \sigma a \lambda o ́ s . ~ 65$, 68.2

17．$\beta$ éдлона८ $=\beta$ ои́до $\mu a \iota .75$
18．$\lambda i \theta$ ıos $=\lambda$（ $\theta$ ı $\nu o s . ~ 164.6,9$
19．$\delta a ⿱ ́ v ́ \chi \nu a=\delta a ́ \phi \nu \eta$ ． $68.4 a$
20．$\dot{\partial} \nu \dot{\lambda} \lambda a=\dot{a} \nu \dot{\lambda} \lambda \omega \mu a .164 .9$
21．$\lambda_{\iota \mu \dot{\eta} \nu=a ́ y o \rho a ́ ~ m a r k e t-p l a c e ~}^{\text {a }}$ （ảyopá being＝è̀кк $\boldsymbol{\eta} \boldsymbol{\eta} \sigma$ ía）
22．$\kappa i \omega \nu$ often used in place of $\sigma \tau \dot{a} \lambda \lambda a(\sigma \tau \eta j \lambda \eta)$
23．tayós as title of a state or municipal official
214. Differences within Thessalian. The form of Thessalian which is best known is that of Pelasgiotis, represented mainly by inscriptions of Larissa, which show some special local peculiarities (213.8-10), Crannon, and Phalanna. ${ }^{1}$ The dialect of Thessaliotis, represented mainly by inscriptions of Pharsalus and Cierium, differs from that of Thessaliotis in two important respects, 1) gen. sg. of $o$-stems in $-\bar{o},-o v$, not $-o l, 2$ ) pres. infin. of thematic verbs in $-\bar{e} \nu$, $-\epsilon \iota \nu$, not $-\epsilon \mu \epsilon \nu$. The early inscription, no. 33, from Thetonium in the neighborhood of Cierium, shows, in addition to these two points of difference, $\tau \iota \varsigma$ not $\kappa \iota \varsigma$, dat. pl. of consonant stems in $-\sigma \iota \nu$ ( $\chi \rho^{\hat{c}}-$ $\mu a \sigma \iota \nu)$ not $-\epsilon \sigma \sigma \iota$ (as at Pharsalus as well as in Pelasgiotis), hu入ōpéovtos not -évtos, uncontracted gen. sg. in -ao, gen. sg. of father's name instead of patronymic adjective (? see no. 33.11, note). Late inscriptions of Cierium have dat. sg. -ol, $-a l$, though at Pharsalus we find $-0 v,-a$, just as in Pelasgiotis, and in no. 33 év $\tau a \gamma a ̂$ beside $\notin \nu$ $\dot{a} \tau a \gamma \dot{l}{ }^{\prime} \iota$ points to $-\bar{u} \iota,-\bar{o}$. On $\delta \delta=\zeta$ in $\epsilon \in \xi \xi a \nu a \kappa \alpha ́(\delta) \delta \bar{e} \nu$, no. 33 , see 84 ; on $\boldsymbol{\tau \tau}$ beside $\sigma \sigma$, see $81 b$.

From Histiaeotis and Perrhaebia the material is very scanty. From Magnesia there are a few fragmentary archaic inscriptions, but most are late and in the Attic кo८ $\nu \dot{\eta}$. An early inscription of
 clusively, what was only natural to expect, that its dialect was also Thessalian. But nearly all the inscriptions date from the period of Aetolian domination and are in the Northwest Greek кoılи́ (279).

Many of the characteristics cited in the preceding sections are as yet attested only in the inscriptions of Pelasgiotis, but, except where there is evidence to the contrary as stated, it is to be assumed provisionally that they are general Thessalian. For the points of agreement are more pronounced than the differences.
215. External influence in the dialect. Occasional $\kappa$ oıv $\boldsymbol{\eta}$ forms appear in the inscriptions of the third and second centuries b.c., especially ává, àmó, $\pi \epsilon \rho i$, катá, $\delta \dot{\text { é, gen. sg. instead of patronymic }}$

[^20]adjective, $\eta$ (not $\epsilon \iota$ ), yivo $\mu a \iota$ (not $\boldsymbol{\gamma}$ ivv $\mu a \iota$ ), etc. But the dialect as a whole is employed in inscriptions until about the end of the second century B.c. and occasionally later.

## Boeotian

216. Aeolic characteristics in common with one or both of the other Aeolic dialects. See 201, 203.
217. West Greek and Northwest Greek characteristics (cf. 223.1-10, and 226.1,2,8):
218. $\delta i \delta \omega \omega \tau \iota$, fíкатı, etc. 61
219. "А $\rho \tau а \mu \iota \varsigma={ }^{*} А \rho \tau \epsilon \mu \iota \varsigma .13 .2$
220. fiкать $=\epsilon$ їкобь. 116 with $a$
221. $\kappa a=\kappa \epsilon$, äv. 13.3
222. $\pi є \nu \tau a \kappa$ á $\iota \circ \iota$ etc. $116 a, 117$
223. $\pi \rho \hat{a ̂ t o s ~}=\pi \rho \hat{\tau} \tau о \varsigma .114 .1$
224. $\mathfrak{\epsilon} \pi \epsilon \sigma \kappa \kappa$ viá̧ $\epsilon$ etc. (but oftener
 $\tau \tau) .142$
225. $\grave{\epsilon} \nu=\epsilon i s .135 .4$
226. тоí, тaí $=$ oi, ai. 122
227. $\delta \epsilon i ́ \mu \epsilon \nu 0 s=\delta \epsilon o ́ \mu \epsilon \nu 0 s .158$
228. iapós $=i \epsilon \rho o ́ s .13 .1$
229. mapá at, with w. acc. 136.2
230. In common with various other dialects ( 20,21 mainly Boeotian):
231. $\iota$ from $\epsilon$ before vowels. 9.2
232. $\omega=$ spurious $o v .25$
233. Dat. sg. -al (- $\eta$ ), -oc (-v).
234. $\tau \tau$ in $\theta a ́ \lambda a \tau \tau a$ etc. 81 104.3, 106.2
 etc. 82
235. $\beta a \sigma \iota \lambda \epsilon \cup \mathrm{~s}$, - l 0 S, etc. 111.1
236. aùtoбavtós, aủбavtós, etc. 121.4
237. $\delta \delta$, initial $\delta=\zeta .84$
238. $\tau a \nu-l$ etc. 122
239. $\dot{\epsilon}^{\boldsymbol{s}}=\boldsymbol{\epsilon} \boldsymbol{\epsilon} \xi$ before cons. (see also 220.1). 100
 138.5
240. $\pi \rho \iota \sigma \gamma \epsilon$ ús $=\pi \rho \epsilon \sigma \beta \epsilon$ '́s. 68.1
241. $f$ between vowels till about 450 , b.C.; initial till about 200 b.c. 50, 53
242. Nom. sg. m. $-\bar{a}$ beside $-\bar{\alpha}$ s. 105.1 a
243. Gen. sg. m. and gen. pl. in
244. 3 pl. imv. $-\nu \tau \omega(-\nu \theta \omega) .140 .3 a$
245. Perf. à $\pi o \delta \epsilon \delta o ́ a \nu \theta \iota ~ e t c ., ~ w i t h-~$ out $\kappa$. 146.1

246. $\Delta \iota o \kappa \lambda$ éas etc. 166.1
247. Consonant-doublingin hypocoristics. 89.5 $-\bar{\alpha} 0,-\bar{\alpha} \omega \nu$ (but $\tau \hat{a} \nu) .41 .4$
248. Patronymics in - $\omega \boldsymbol{\nu} \delta a \mathrm{a} .164 .8$
249. In common with Thessalian only. See 204.
250. Special Boeotian. Most of the peculiarities of the vowelsystem (221) also belong here:
251. $\boldsymbol{\epsilon} \sigma \boldsymbol{\sigma}=\boldsymbol{\epsilon} \xi$ before vowels. 100

252. oṽтos, oṽтa, etc. 124


253. Hypocoristics in -є. 108.2
254. The Boeotian vowel-system. The most striking and obvious characteristic of Boeotian lies in its vowel-system. One peculiarity consists merely in the retention of the original sound, namely that of $v$ as $u$. But even this led to a change in spelling to $o v$, while on the other hand the $v$ with its Attic value of $\ddot{u}$ as a basis was used to indicate approximately the sound, probably $\ddot{0}$, which the diphthong oc had come to have. See 24, 30. The other peculiarities consist in changes of diphthongs to monophthongs and of more open to closer vowels, such as eventually prevailed everywhere and led to the Modern Greek pronunciation.

The chief orthographical peculiarities, with the approximate date of their introduction, are as follows:
$\iota=\boldsymbol{\epsilon}$ before vowels. 9.2. V cent. B.c. (in the epichoric alphabet $\iota, \epsilon, \epsilon$, F)
$\iota=\boldsymbol{\epsilon}$. 29. V cent. B.c. (in the epichoric alphabet $\iota, \epsilon \iota, \vdash$ )
$\boldsymbol{\eta}=a \iota$. 26. About 400 b.c.
$\begin{array}{rlllll}\boldsymbol{\epsilon} \ell & =\boldsymbol{\eta} . & 16 . \quad \text { " } & \text { " } & \text { " } \\ o v & =v . & 24 . & \text { " } & 350 & \text { " } \\ \text { (but great inconsistency in the spell- }\end{array}$ $\iota o v=v$. 24. " 300 " ing. $v=v$ and $o \iota=o \iota$ also fre$v=o c .30$. " 250 " quent till near end of III cent.)
$\epsilon \iota=o \iota$. 30. II cent. " (rare)
222. External influence. Although Boeotia was for a short time in the Aetolian League, there are no Boeotian inscriptions in the Northwest Greek $\kappa o \iota \nu \eta$. But there are some scattered examples of the dative plural of consonant stems in -o८s, as $\eta^{\prime} \gamma v s$ (aïyocs) etc., and the appearance of $\sigma \tau=\sigma \theta$ (85.1) and $\delta a \mu \iota \omega \epsilon ́ \mu \epsilon \nu$, $\delta a \mu \iota \omega$ о (159) in some late inscriptions of Orchomenos is also probably due to Aetolian influence. The influence of the Attic кoıv $\eta$ becomes considerable toward the end of the third century b.c., and some inscriptions or portions of inscriptions are wholly in $\kappa o \iota \nu \eta$, e.g. the formal
contract in the Nicareta inscription (no. 43.VI). But most of the inscriptions are substantially dialectic until the second half of the second century b.c.

WEST GREEK
223. General West Greek characteristics:

1. $\delta \delta \delta \omega \tau \iota$ etc. Retention of $\tau$ in the verb-endings $-\tau \iota,-\nu \tau \iota$, in $f i-$ $\kappa a \tau \iota$ and the hundreds in -ка́тьoו, in $\pi о \tau i($ (Cret. тортí), Потєו$\delta \dot{\alpha} \nu, \tau \dot{v}$, and some other words which show the change to $\sigma$ in the East Greek dialects. 61

2. ö $\pi \omega={ }_{\boldsymbol{\delta}}^{\boldsymbol{o}} \boldsymbol{\sigma} \dot{\prime} \theta \epsilon \boldsymbol{\nu}$, etc. 132.7
3. трıакátıo८ etc. $=-\kappa o ́ \sigma \iota o \iota$.
4. фе́ $\rho о \mu \in s$ etc. 138.3
$116 a, 117.2$
5. $̇$ ©ícaja etc. But restricted in Argolic. 142
6. $\tau o i$, , $\tau a i=o i, a i$. But Cretan oi, ai. 122
7. Fut. - $\sigma e ́ \omega$. But restricted in Heraclean. 141
8. Fut. pass. with act. endings.

145
6. iapós (iapós) $=$ í $\rho o ́ s . ~ 13.1$
16. те́торея $=\tau$ тéттарєs. 114.4


8. ка, то́ка, то́ка, ӧка, үа. 13.3
9. $\pi \rho \hat{a} \tau o s=\pi \rho \hat{\tau} \tau o s .114 .1$
10. ${ }^{\text {ö } \pi \epsilon \iota}=$ õ $\pi o v$, etc. 132.2
17. тєтрผ́коขта $=\tau \epsilon \tau \tau а \rho \alpha \kappa о \nu \tau а$.
18. $\boldsymbol{\epsilon} \boldsymbol{\mu} \boldsymbol{i} \nu=\dot{\epsilon} \mu o i ́$, etc. $118.4 b$
19. ${ }^{\epsilon} \mu$ éos $=\dot{\epsilon} \mu o \hat{v}$, etc. $118.3 b$
11. ö $\pi \eta$ etc. 132.6
20. $\eta^{\mu} \mu \iota \sigma \sigma o \varsigma=\tilde{\eta} \mu \iota \sigma v \varsigma .61 .6$
21. ó $\delta \in \lambda$ ós $=$ ó $\beta$ o $\lambda$ ós. 49.3
22. Word-order aĭ tis кa. 179
a. Although only a part of these characteristics are actually quotable from every one of the West Greek dialects, some indeed from only a few, it is probable that, except for the divergence of Cretan in 5 and 7, they were common to all, and that the absence of examples in any dialect is accidental. Thus, forms like ф'́popes are attested for Phocian and most of the Doric dialects, but there is no occurrence of a first plural form in Locrian and Elean, and in Rhodian only from the time when - $\mu e v$ had been introduced from the кovv', just as it was at Delphi before the end of the fourth century b.c. The early substitution of the кow f forms of the numerals and the rare occurrence of the personal pronouns in inscriptions, account for the incomplete representation of $2,3,16-19$.
b. The first ten of these characteristics are also Boeotian (217), several also Thessalian (210), and a few also Arcadian.
224. There are various other phenomena which are common to the West Greek dialects, but are not confined to them even in the widest application of the term. Several of those mentioned in 180 are often
 iк $\kappa \omega$, but none of them has any claim to be regarded as specifically West Greek, with the possible exception of $\eta$ from $a \epsilon(41.1$ with $a)$.
a. Even of the peculiarities cited in 223 some consist merely in the retention of the original forms which must have been universal at one time; and that toí, taí or pron. datives like ' $\boldsymbol{\mu}^{\prime}{ }^{\prime} \nu$ still existed in East Greek in the historical period is shown by their appearance in Homer. Some others also may prove to be of wider scope, e.g. öme, since ö otov is, so far as we know, only Attic-Ionic. But so far as the present evidence of inscriptions goes, the peculiarities given in 223 are distinctly characteristic of West Greek.
225. The declension of nouns in -єús with gen. sg. -єos acc. sg. - $\hat{\eta}$ is common to Delphian and the majority, but not all, of the Doric dialects. See 113.3. The 3 pl. imv. $-\nu \tau \omega$ is common to all the Doric dialects except Cretan, but the distribution of $-\nu \tau \omega$ and $-\nu \tau \omega \nu$ does not coincide at all with the East and West Greek divisions. See $140.3,4$. There are various peculiarities which are West Greek in a limited sense, but demonstrably not general West Greek, e.g. $\tau \hat{\eta} \nu 0$, $=$ èкєî̀os (125.1), aủto ' $\mathrm{A} \pi \hat{\epsilon} \hat{\prime} \lambda \lambda \omega \nu$ (49.3), $\lambda \hat{\omega}=\theta \hat{e} \lambda \omega$ (Glossary), $\nu \tau, \nu \theta=\lambda \tau, \lambda \theta$ (72). The use of $-\iota \zeta \omega=-o^{\prime} \omega$ in certain verbs (162.1), of $\sigma \kappa \epsilon v o ́ \omega=\sigma \kappa \epsilon v \alpha^{\prime} \zeta \omega$, and of $\gamma \hat{e} \lambda a \mu \iota$, ề $\lambda a \mu \iota(162.1,3,4)$ is West Greek, but how wide-spread is not yet clear.

## Northwest Greek

226. The chief characteristics of Northwest Greek as distinguished from Doric, including however some which are not common to all the dialects of this group and some which are not strictly confined to them, are:
227. $\boldsymbol{\epsilon} \nu=\epsilon i$. Also Thess., Boeot., and Arc.-Cypr. (iv). 135.4
228. калєí $\mu \in \nu o s$ etc. (El. - $-\eta \mu \varepsilon \nu \rho \varsigma)$.

Also Boeot. 158
3. \$ápo etc. But rare in Delph. 12
4. $\sigma \tau=\sigma \theta$. 85.1
5. ě้ $\tau \tau \epsilon$, Delph. hév $\tau \epsilon=$ ě $\sigma \tau \epsilon$. No example in El. 135.4
 Delph. only late and due to the N.W.Grk. коь $\nu \eta$. 107.3
7. тétopes etc., acc. pl. El., Ach., but not Locr., and rare in Delph. 107.4
8. mapá at, with w. aca Also Boeot., Thess., Meg., Lac. 136.2
a. There are various other peculiarities the scope of which coincides even less definitely with the Northwest Greek dialects proper, but the spread of which in the northern part of Greece is noticeable, e.g. masc. $\bar{\alpha}$-stems.with nom. sg. $-\bar{\alpha}$, gen. sg. $-\bar{\alpha} s(105.1 a, 2 b)$, patronymics in - ${ }^{\omega} v \delta a s$ or -óvסas (164.8), proper names in $-\kappa \lambda \lambda^{\prime} \alpha_{s}$ (166.1). Note also the peculiarities common to Boeotian and Thessalian only (204), most of which are not Aeolic.

## Phocian (Delphian)

227. West Greek characteristics. See 223-225.
228. Northwest Greek characteristics. See 226.
229. Aeolic elements : $\pi a ́ \nu \tau \epsilon \sigma \sigma \iota$ in all the earlier inscriptions. 107.3. Here also, perhaps, the words tayós (also Thess., Cypr., and poetical), $\kappa є \rho a i ́ \omega$ (also Hom.) $=\kappa \epsilon \rho a \dot{\nu} \nu v \mu \iota, \delta i \delta \eta \mu \iota$ (also Boeot. and Hom.) $=\delta e ́ \omega$.
230. Other characteristics, mostly in common with various other dialects:
231. $\mathcal{F}$ initial till about 400 в.C.; 11. $\tau \hat{\eta} \nu 0 \varsigma(\tau \eta \nu \epsilon \hat{\imath})=\epsilon ̇ \kappa \epsilon i ̂ \nu o s . ~ 125.1$
intervocalic only in a VI 12. foíк $\omega=$ оїко $\theta \in \nu .132 .7$
cent. inscr. 52,53 13. é $\chi$ Oós, è $\chi \theta \omega .133 .3$

$\begin{array}{ll}\text { asper. } 58 a, c & 15\end{array} \quad \pi \quad$ ol (beside $\left.\pi o ́ \tau\right)=\pi \rho o ́ s . ~$
232. $\tau \hat{\omega} \lambda \Lambda a \beta v a \delta a ̂ \nu, \tau o v ̀ \nu ~ \nu o ́ \mu o u s, ~$ etc. 96,97

$$
135.6 \text { b }
$$

16. 3 pl. perf. in $-a \tau \iota .138 .4$
17. Infin. $\uparrow \nu .153 .2$
18. ả $\mu \phi \lambda \lambda$ é $\omega \omega .89 .3$
19. $\delta \epsilon i ́ \lambda o \mu a \iota=\beta o u ́ \lambda o \mu a \iota . ~ 75$
20. iap $\eta$ 'ov etc. 164.1
21. èvvî = èv $\nu$ éa. 42.1
22. $\sigma v \lambda e ́ \omega=\sigma v \lambda a ́ \omega .161 .2$
23. $\sigma \tau \epsilon \phi a \nu \omega ́ \omega=\sigma \tau \epsilon \phi a \nu o ́ \omega .159$
24. hé $\beta \delta є \mu о \varsigma=\tilde{\epsilon} \beta \delta о \mu о \varsigma .114 .7$
25. aùtoбautós, aù $\sigma a v \tau o ́ s . ~ 121.4 ~$
26. $\pi о$ oí $\omega \tau \iota, \pi o \iota o ́ v \tau \omega \nu . ~ 42.5 d, 6$
27. тоєєîvтal. 158
28. $\boldsymbol{\eta}^{\boldsymbol{\eta}} \boldsymbol{r a \iota}$ (late). 163.9

## 10. $\tau 0 \hat{\tau} \tau a=\tau a \hat{\tau} \tau a .124$

231. External influence in the dialect. The temple accounts of $353-325$ b.c. show plain evidences of Attic influence. With the Aetolian domination (278-178 b.c.) a new element is added, that of the Northwest Greek кoıv ${ }^{\prime}$ (see 279), resulting in the striking mixture (e.g. dat. pl. $\pi \dot{a} \nu \tau \epsilon \sigma \sigma \iota, \pi \dot{a} \nu \tau o \iota \varsigma, \pi \hat{a} \sigma \iota$ ) seen in the numerous
proxeny and manumission decrees, some of them as late as the first and second centuries A.D. There are even some few traces of Boeotian influence, as in ícráv $\theta \omega$, $\theta$ é $\lambda \omega \nu \theta \iota, \kappa \lambda a \rho \omega \sigma \hat{\imath}(\hat{\imath}=\epsilon \hat{\imath})$ from Stiris, near the Boeotian boundary, and the spellings $\kappa \eta^{\prime}(=\kappa a i)$, äfou入ov in a decree of the Phocians. The Amphictionic decrees immediately following the Aetolian conquest are in the pure Attic $\kappa o i \nu \eta$, but the dialect was gradually resumed, in the mixed form which it shows in the other classes of inscriptions.

## Locrian

232. West Greek characteristics. See 223-225.
233. Northwest Greek characteristics. See 226.
234. In common with various other dialects:

235. 'О ${ }^{1} \delta \in \iota \tau \iota$, 'О $\quad$ тоעтlovs. 44.4
236. é $\chi$ Oós = è $\kappa \tau o ́ s . ~ 133.3$
237. $F$ initial and sometimes intervocalic. 52,53
238. $\pi o l=\pi \rho o ́ s$, once. $135.6 b$
239. $\delta \epsilon \ell \lambda о \mu a \iota=$ हoú $\lambda о \mu a \iota .75$
240. Peculiarities in use of spiritus asper. $58 a, d$
241. Special Locrian :
242. Assim. of $\dot{\epsilon} \kappa$ in $\dot{\epsilon}(\tau) \tau \hat{a} \varsigma, \dot{\epsilon}(\lambda)$
243. hapé $\sigma \tau a \iota=$ é $\lambda \in \sigma \theta a l . ~ 12$
$\lambda_{\ell \mu e ́ v o s, ~ e t c . ~} 100$
244. кaтá according to w.gen. 136.5
245. $\phi \rho i ́ \nu=\pi \rho i \nu .66$
246. fótı beside hótı. 129.2 a
247. The only inscriptions in the pure dialect (nos. 55,56 ) are both from the early fifth century and from western Locris. All other material is from a much later period, when the Northwest Greek $\kappa 0 \iota \nu \eta^{\prime}$ was used, at least in western Locris. See 279. In the few inscriptions from eastern Locris the appearance of datives like $\chi \rho \eta \mu a ́ \tau \epsilon \sigma \sigma \iota$ (107.3) is noteworthy.

## Elean

237. West Greek characteristics. See 223-225.
238. Northwest Greek characteristics. See 226.
239. In common with various other dialects:
240. $\eta, \omega=$ spurious $\epsilon \ell, o v .25$
241. Psilosis. 57
242. $\delta \delta($ also $\tau \tau)=\zeta .84$
243. $\rho \rho=\rho \sigma .80$
244. Rhotacism of final s. $\mathbf{6 0 . 1}$
245. Loss of intervocalic $\sigma$ (late). 59.3
246. $f$ init. even before consonants,rarely intervoc.; late ßоıкíap $=$ oiкías. 51-55
247. $a i \lambda o ́ \tau \rho \iota a=a ̉ \lambda \lambda o ́ \tau \rho ı a .74 b$
248. Omission of $\iota$ in $\begin{gathered}\text { é } a=\epsilon \\ \epsilon \\ \eta\end{gathered}$, etc. 31

249. $\delta$ ท́ $\lambda о \mu a \iota=\beta o u ́ \lambda о \mu a \iota . ~ 75$
250. Nom. sg. $\tau \epsilon \lambda \epsilon \sigma \tau$ á. $105.1 a$
251. Dat. sg. -oc. 106.2
252. Acc. pl. -als, $-a \iota \rho,-o \iota \rho .78$
253. Dat. pl. фúyád $\epsilon \sigma \sigma \iota$ (but usually -ous). 107.3
254. $\beta a \sigma \iota \lambda \epsilon$ v́s, -ケ̂os. 111.1
255. ă $\sigma \sigma \iota \sigma \tau a=$ ă $\gamma \chi \iota \sigma \tau a .113 .3$
256. $\tau o l$, $\tau a t=\tau o ́ \delta \epsilon, \tau a ́ \delta \epsilon .122$
257. $\boldsymbol{v} \sigma \tau a \rho \iota \nu=\tilde{v} \sigma \tau \epsilon \rho \circ \nu .133 .6$
258. $\dot{\imath} \pi a^{\prime}=\dot{v} \pi \dot{\prime} .135 .3$
259. Infin. $-\eta \nu .153$
260. 3 sg. subj. $-\eta(\dot{\epsilon} \kappa \pi \epsilon ́ \mu \pi a) .149$
261. Aor. subj. in $\bar{a}$ (фuरa ®ev́àtı, $^{2}$

то८ท́aтal). 151.1
24. 3 sg. opt. $-\sigma \epsilon \epsilon \epsilon$ (-halє). 152.4
25. $\mu \iota$-forms $\sigma \nu \lambda a(\bar{\epsilon}, \delta a \mu о \sigma \iota o i ́ a$, $\delta a \mu о \sigma \iota \omega \mu \epsilon \nu .157 b$
 ขos. 137
240. Special Elean :

1. $\bar{a}=\eta .15$
2. $a=\epsilon$, not only before $\rho$, but after $\rho$, before final $\nu$, etc. 12 with $a$
3. $\pi o ́ \lambda \epsilon \rho=\pi o ́ \lambda \iota \varsigma .18 b$
4. $\zeta=\delta$ (only in earliest inscr.). 62.2
${ }^{\text {- } 5 . ~} \sigma \sigma=\sigma \theta$ (late). 85.2
5. $\mu \epsilon v^{\prime} s=\mu \eta{ }^{\prime} \nu .112 .3$
6. Dual Svoío七s, au̇toloıp. 106.6
7. Verbs in $-\epsilon \omega(-a \iota \omega)=-\epsilon v \omega$. 161.1
8. ${ }^{\eta} \sigma \tau \omega=$ ě $\sigma \tau \omega .163 .5$
9. $\pi \dot{a} \dot{\sigma} \kappa \omega=\pi a^{\prime} \sigma \chi \omega .66$

 acc. 133.6,136.4
10. Opt. w. $\kappa a$ in commands; also subj. (late). 175
11. Opt. regularly in fut. conditions etc. 176
12. Forpeculiarwordsand meanings, see, in Glossary, ypáфоs, סíкаиа, סíфuıos, féppo, $\kappa а т \iota а \rho а i ́ \omega, ~ i \mu a ́ \sigma \kappa \omega, ~ \theta \eta \lambda v ́-$ тєроऽ, є́ $\rho \sigma \in \nu a i ́ \tau \epsilon \rho о \varsigma$.
13. кoiv $\eta^{\prime}$ influence. In the amnesty decree (no. 60), from the second half of the fourth century b.c., $a \rho$ from $\epsilon \rho$ is, with one exception (v้ $\sigma \tau a \rho \iota \nu$ ), given up, as in $\theta_{\eta} \lambda \nu \tau$ épà, é $\rho \sigma \epsilon \nu a \iota \tau e ́ \rho a \nu$ (note also
$\dot{\epsilon} \rho \sigma \epsilon \nu-=$ earlier $f a \rho \rho \epsilon \nu-$ ), and $\pi \epsilon \rho i ́($ (earlier $\pi \alpha ́ \rho$, with apocope), though $\rho a$ from $\rho \epsilon$ is seen in кatıa $\rho a^{i} \omega \nu$; $\pi \dot{a} \sigma \chi \omega$ has its usual form (earlier $\pi a ́ \sigma \kappa \omega$ ); the characteristic Elean words $\boldsymbol{F}^{\prime} \rho \rho \omega=\phi \in \mathcal{v}^{\prime} \gamma \omega$ in its technical sense, $\delta i\left(\phi u t o \nu(\zeta i \phi u \iota o \nu)\right.$, and $\boldsymbol{\gamma} \rho a^{\prime} \phi o s$ have given place to the usual $\phi \epsilon v^{\prime} \gamma \omega, \delta \iota \pi \lambda a^{\prime} \sigma \iota o \nu$, and $\gamma \rho \alpha^{\prime} \mu \mu a$. The Damocrates decree (no. 61), from the first half of the third century b.c., has $\epsilon \rho$, never
 vocabulary, e.g. $\kappa a \theta \omega \dot{\omega}$ ( $\kappa a \theta \omega \dot{\varsigma}$ ), ế $\kappa \tau \eta \sigma \iota \varsigma$.

On the other hand most of the characteristics of the dialect persist, and, in contrast to earlier inscriptions, the rhotacism of final s is uniformly observed. Some of the differences between these two inscriptions and the earlier ones are due to chronological and local variation within the dialect, e.g. in both $\sigma \sigma$, not $\sigma \tau,=\sigma \theta$, loss of intervocalic $\sigma$; in no. $60 \tau \tau$, not $\delta \delta,=\zeta$, dat. pl. фuyá $\delta \epsilon \sigma \sigma \iota$ (not -o८s); in no. 61 subj. in prescriptions. Even in the earlier inscriptions there are some indications of local differences, but it is impossible with the present material to define their scope.

The definite substitution of the Attic $\kappa o \iota \nu \eta$ in public inscriptions of Elis belongs to the end of the third century b.c.

## Doric

## Laconian

242. West Greek characteristics. See 223-225.
243. Other characteristics, mostly in common with various other dialects:
244. $\eta, \omega=$ spurious $\epsilon \ell, o v .25$
245. $\iota$ from $\epsilon$ before vowels. 9.5
246. $h$ from intervoc. $\sigma .59 .1$
247. Rhotacism of finals (late). 60.2
248. $\sigma=\theta$ (late in inscr.). 164
249. $\Pi$ oho $\delta \dot{\alpha} \dot{\nu} \nu=\Pi о \sigma \epsilon \iota \delta \hat{\omega} \nu .49 .1$, 61.5
250. aùzós reflex 121.3
251. тєт áкı $^{\boldsymbol{\nu}}$ etc. 133.6
252. Adv. тavtâ, hât', тé $\pi о к а . ~$ 132.5 a, 6
253. ă $\sigma \sigma \iota \sigma \tau a=$ ă $\gamma \chi \iota \sigma \tau a .113 .3$
254. Infin. $-\eta \nu .153$
255. 3 pl. imv. - $-\tau \omega$. $140.3 a$
256. 'А $\pi \bar{\epsilon} \lambda \lambda \omega \nu={ }^{\prime} А \pi{ }^{\prime} \lambda \lambda \omega \nu .49 .3$
257. $\mathcal{F}$ initial till about 400 в.c.; intervocalic in early inscriptions; later sometimes $\beta$. 50-53
258. ко८ $\nu \eta \eta^{\prime}$ influence. Inscriptions from the second century b.c. (from the fourth and third there is very little material) and later are not even in the Doric кolv $\eta^{\prime}$ (278), but substantially in the Attic $\kappa o \iota \nu \dot{\eta}$, with but slight dialectic coloring. On the revival of the use of the dialect in some inscriptions of the second century A.D., probably representing crudely what still survived as a patois, see notes to nos. 70-73.

## Heraclean

245. West Greek characteristics. See 223-225.
246. In common with various other dialects:
247. $\eta, \omega=$ spurious $\epsilon \ell$, ov. 25
248. $\iota$ from $\epsilon$ before vowels. 9.6
249. àvє $\boldsymbol{\text { íypoфos. }} 5$
250. ко日aрós, тофьஸ́v. 6
251. $\tau \dot{a} \mu \nu \omega=\tau \varepsilon ́ \mu \nu \omega .49 .4$
252. $f$ initial, but with many irregularities. $50 b$
253. Peculiarities in use of spiritus asper. $58 c, d$
254. $\delta$ ท́ $\lambda о \mu a \iota=$ ßoú入o $\mu a \iota .75$
255. т $\boldsymbol{\text { îs nom. pl. } 1 1 4 . 3}$

256. ă้ $\nu \omega \theta \mathrm{a}$, ${ }^{\text {č }} \mu \pi \rho \rho \sigma \theta \mathrm{a} .133 .1$
257. Infin. $-\boldsymbol{\epsilon}$. 153.2
258. 3 pl . imv. $-\nu \tau \omega$. $140.3 a$

259. à $\nu h \epsilon \hat{\omega} \sigma \theta a l .146 .4$
260. Article as relative. 126
261. Special Heraclean :

262. $\boldsymbol{\gamma} \gamma \rho$ व́q $\psi a \tau a \iota, \mu \in \mu \iota \sigma \theta \dot{\omega} \sigma \omega \nu \tau a \iota$. 146.3

263. $\pi \epsilon \phi \nu \tau \epsilon \cup \kappa \hat{\eta} \mu \epsilon \nu .147 .2$
264. $\grave{e} \rho \rho \eta \gamma \epsilon i ̂ a=\dot{e} \rho \rho \omega \gamma v i ̂ a . ~ 146.4$, 148
265. $\kappa \lambda a \mathfrak{l} \gamma \omega=\kappa \lambda \epsilon / \omega .142 a$
266. $\pi 0 \lambda \iota \sigma \tau o ́ s=\pi \lambda \epsilon \hat{\epsilon} \sigma \pi o s .113 .2$
267. кoı $\eta^{\eta}$ influence. кoıv $\eta$ forms appear now and then in the Heraclean Tables, especially in the numerals. Thus tpeis beside трîs - тéгбарєє, тєббара́кодта beside те́тореऽ, тєтрळ́кодта -
 from $\epsilon \boldsymbol{\kappa} \kappa о \sigma \iota$, beside fíкatı - $\epsilon i$ beside ai - hot beside тoí.

## Argolic

249. West Greek characteristics. See 223-225. But סıкáббal, not $\delta \iota \kappa a ́ \xi a \iota, 142$.
250. Other characteristics, mostly in common with various other dialects:
251. Intervoc. $\sigma$ to $h$, and lost. 59.2 11. $\tau \dot{v}$ acc. sg. 118.5

252. iapós with lenis. 58 b 13. т $\quad$ ท̂vos $=$ éreî̀os. 125.1
253. $\pi \frac{\pi}{}=\pi \rho o ́ s$, before dentals. 14. é $\chi$ Oou, êv $\delta o u .133 .3,4$
$135.6 b \quad 15 . \dot{a} \nu \in v \nu=\stackrel{a}{a} \nu \in v .133 .6$
254. à $\lambda \mathfrak{l a} a \sigma \iota \varsigma$ etc. 164.3
255. $\sigma v \nu \tau<\theta \eta \sigma$ L. 138.1
256. $\eta, \omega=$ spurious $\epsilon \ell, o v$, sometimes. $25 a$
257. Infin. $-\boldsymbol{\varepsilon}$. 153.2
258. 3 pl. imv. $-\nu \tau \omega .140 .3 a$
259. $\iota$ from $\epsilon$ before vowels, sometimes. 9.7
260. ypoфєús etc. 5
261. $\pi \epsilon \delta \dot{d}=\mu \epsilon \tau \dot{a} .135 .5$
262. $f$ in all positions in earliest inscriptions; initial till about 400 B.c. 52-55
263. eै $\sigma \sigma a$, ê $a \sigma \sigma a=$ ov̉ $\sigma a .163 .8$
264. $\gamma \rho \dot{́} \dot{\sigma} \sigma \mu a=\gamma \rho a ́ \mu \mu a .164 .4$
265. $\dot{a}(f) \rho \eta \tau \epsilon \cup \cup \omega ~ p r e s i d e . ~ 55 ~$
266. т $\rho$ é $\omega=$ фev́ry $\omega$ be banished. No. 78.5, note
267. ả $\rho \tau \hat{v} \nu a \iota$, official title. No. 78.2, note
268. There are some differences between the dialect of Argos and that which appears in most of the inscriptions of Epidaurus and other cities of the Acte. But these are mainly, if not wholly, due to the fact that Attic influence was earlier and stronger in the east. Thus the loss of intervocalic $\sigma$ and the retention of $\nu \sigma$ are characteristics which persist in Argive inscriptions till within the second century b.c., but of which there are only a few examples from Epidaurus. In general, Attic forms are frequent in Epidaurian inscriptions of the fourth century b.c., and later.

Early inscriptions of Mycenae have és and $\tau$ ós (less probably $\tau o ̂ ́ s)$ in contrast to Arg. évs, tóvs. Cf. Cret. qós beside tóvs, 78. From Hermione are also found genitive singular and accusative plural. in $-\omega,-\omega s$.

## Corinthian

252. West Greek characteristics. See 223-225.
253. In common with various other dialects:
254. $\dot{e} \nu \theta \epsilon i ̂ \nu=\hat{\epsilon} \lambda \theta \epsilon i ̂ \nu .72$
255. èvסós, ěvסoı,êkoo. Syrac. 133.4,5
256. $\lambda \hat{\omega}=\theta e ́ \lambda \omega$. Glossary
257. 3 pl. imv. - $\nu \tau \omega .140 .3 a$
258. 'А $\boldsymbol{\pi} \bar{e} \lambda \lambda \omega \nu=$ ' $\mathrm{A} \pi \delta \quad \lambda \lambda \omega \nu .49 .3$
259. $\mu \epsilon i s=\mu \eta \eta^{\prime} \nu 112.3$
260. Hypocoristics in - $\boldsymbol{\eta} \nu .165 .7$
261. $f$ in early inscr. in all positions; init. till about 400
B.C.; sometimes $\beta$. 51-55
262. $\pi \delta \delta \delta \in \sigma \sigma \iota$ etc., in various colonies. 107.3
263. Special Corinthian. Very early monophthongization of $\epsilon \iota$ and ov. 28, 34
264. After the early but brief inscriptions in the epichoric alphabet, there is but scanty material until the third and second centuries b.c., when the admixture of $\kappa o \iota \nu \eta^{\prime}$ forms is considerable.

## Megarian

256. West Greek characteristics. See 223-225.
257. In common with various other dialects:
258. $\dot{a} \mu \phi \iota \lambda \lambda e ́ \gamma \omega . ~ 89.3$
259. $\epsilon v=\epsilon 0$, late. 42.5
260. $F$ initial in V cent., but lost between vowels.
261. Gen. sg. m. Фárās etc. 105.2 b
262. $\mu \in \epsilon^{\prime} \varsigma=\mu \eta{ }^{\prime} \nu .112 .3$
263. $\lambda \hat{\omega}=\theta e ́ \lambda \omega$. Glossary
264. $\lambda a^{\prime} \zeta о \mu a \iota=\lambda a \mu \beta a ́ \nu \omega$. Glossary
265. Special Megarian :
266. $\Theta e ́ \delta \omega \rho o s, ~ Ө о к \lambda \epsilon i ́ \delta a s, ~ e t c . ~ 42.5 d \quad$ 2. $\sigma a^{\prime}=\tau i v a .128$
267. aī $\sigma \mu \nu a ́ \tau a \varsigma, ~ a i \sigma \iota \mu \nu a ́ \omega=a i \sigma \nu \mu \nu \eta \eta^{\prime} \eta \varsigma$, aí $\sigma \nu \mu \nu a ́ \omega$. 20. Apart from the difference of vowel, the words are peculiar to Megarian and Ionic.
268. Except for the early inscriptions of Selinus and a few others, the material is from the end of the fourth century or later, and shows cotv $\eta$ influence.

## Rhodian

260. West Greek characteristics. See 223-225.
261. In common with various other dialects:
262. $\boldsymbol{\epsilon v}=\boldsymbol{\epsilon} .42 .5$

263. $\eta, \omega=$ spurious $\epsilon \iota, \Delta v$, in some words. $25 a$
264. ícoós with lenis. $58 b$
265. ö̃ $\pi v$, vis. 132.4
266. ӧкка = ӧка ка. 132.9
267. Special Rhodian : Infinitive in $-\mu \epsilon \iota \nu$. 154.5. ктol $\nu a$, denoting a territorial division like the Attic deme, is found only in Rhodes and Carpathus. $\mu a \sigma \tau \rho o l$ as the highest officers of the state are peculiar to Rhodes.
268. кoıv $\eta^{\prime}$ influence shows itself to a slight extent in the fourth century b.c. Most of the material is from the third century or later, and is in the Doric кoo $\nu \eta^{\prime}(278)$, though with frequent retention of the characteristic infinitive in $-\mu \epsilon \nu$. In this mixed form the dialect is one of the longest to survive, many peculiarities still appearing in inscriptions of the first and second centuries.A.D.

## Coan

264. West Greek characteristics. See 223-225.
265. In common with various other dialects:
266. $\boldsymbol{\epsilon v}=\boldsymbol{\epsilon} .42 .5$
267. $\eta, \omega=$ spurious $\epsilon l, o v$, in some
words. $25 a$
268. $\tau a^{\prime} \mu \nu \omega=\tau \epsilon ́ \mu \nu \omega .49 .4$
269. $\delta \dot{\eta} \lambda о \mu a \iota=\beta o v ́ \lambda o \mu a \iota .75$
270. Acc. pl. -os beside oovs. 78

271. There are no very early inscriptions, and only a few even from the fourth century b.c. The most important of these, the
sacrificial calendar (nos. 101-103), already shows some $\kappa 0 \iota \nu \eta$ forms,
 iotía, etc., but preserves some forms which are never found later as $i \epsilon \rho \hat{\eta} \iota, \tau \epsilon \tau a \rho \tau \hat{\eta} s$ (later always $-\epsilon \iota$, $\epsilon \iota \varsigma$, etc.). There are also some
 the material is of the third and second centuries, and in the Doric $\kappa o \iota \nu \eta$ as described in 278.

## Theran

267. West Greek characteristics. See 223-225.
268. In common with various other dialects:
269. $\epsilon v=\epsilon 0.42 .5$
270. $\eta, \omega=$ spurious $\epsilon \ell, o v$, in some words. $25 a$
271. oủpos from ôpfos. 54
272. $f$ lost in the earliest times. 50
273. $\rho \rho=\rho \sigma .80$
274. $\delta \tilde{\eta} \lambda о \mu a \iota=\beta$ ои́ $\lambda о \mu a \iota . ~ 75$
275. Except for the numerous, but brief, archaic inscriptions, the material is all from the period of $\kappa o \iota \nu \eta^{\prime}$ influence. The longest inscription, the Will of Epicteta (SGDI. 4706), exhibits most of the characteristics of the dialect, but also many кo८ $\nu$ j forms.

The inscriptions of Cyrene, though late, have regularly $\eta, \omega=$ spurious $\epsilon \ell$, ov, and show some special peculiarities, as iapés nom. and acc. pl. of iapєús (111.3), $\tau \in \lambda \epsilon \sigma \phi о \rho \in ́ \nu \tau \epsilon s$ (157).

## Cretan

270. West Greek characteristics. See 223-225. But oi, ai, not

271. In common with various other dialects:
272. $\eta, \omega=$ spurious $\epsilon \ell$, ov. 25 .
273. $\boldsymbol{\xi} \hat{\eta} \nu o s$ from $\xi \in e^{\nu} f o s$, etc. 54
274. $\iota$ from $\boldsymbol{\epsilon}$ before vowel. 9.4
275. $\tau \rho a ́ \pi \omega \omega, \tau \rho a ́ \phi \omega . ~ 49.2$
276. 'А $\boldsymbol{\epsilon} \epsilon \in \lambda \lambda \omega \nu=$ ' $А \pi \sigma^{\prime} \lambda \lambda \omega \nu .49 .3$
277. Psilosis. 57
278. $f$ init. till III cent. b.c.; sometimes $\beta$; flofos; intervoc. only in cpds. 50-54
279. $\pi a ́ v \sigma a$ etc. $\boldsymbol{7} 7.3$
280. тóvs beside tós, etc. 78
281. $\tau \tau$ in $\pi \rho a ́ \tau \tau \omega$ etc. 81
282. $\tau \boldsymbol{\tau}$ in ómóтtos etc. 82
283. $\delta \delta, \delta$ (sometimes $\tau \tau, \tau)=\zeta$. 84
284. $\tau \tau=\pi \tau .86 .2$
285. $\boldsymbol{\tau} \boldsymbol{\tau}=\sigma \boldsymbol{\tau}$ (rare). 86.4
286. $\boldsymbol{e}_{\boldsymbol{s}}=\boldsymbol{\epsilon} \boldsymbol{\xi} \xi$ before cons. 100
287. aủtóv neut. = aủtó. 125.2
288. ö $\boldsymbol{\pi} \boldsymbol{v} \iota=$ ö $\boldsymbol{\pi} \boldsymbol{\pi}$, etc. $\mathbf{1 3 2 . 4}$
289. $\pi \rho^{\prime} \theta \theta a=\pi \rho \rho^{\prime} \sigma \theta \epsilon .133 .1$

290. aṽтเข, aùta $\mu$ épıv. 133.6
291. $\pi \epsilon \delta \dot{a}^{\prime}=\mu \epsilon \tau \alpha^{\prime} .135 .5$
292. à atí in presence of $\dot{a} \mu \phi t$ concerning. 136.7,8
293. Aor. subj. त्रayá $\boldsymbol{\sigma}$ t etc. 150
294. Subj. тéтä āal etc. 151.1
295. Infin. $-\boldsymbol{\epsilon}$; also in contract verbs. 153.2,3
296. Verb-forms in $-\epsilon \omega(-\iota \omega)=$ $-a \omega .161 .2$

297. $\lambda \hat{\omega}\left(\lambda \epsilon^{\prime} \omega\right)=\theta e ́ \lambda \omega$. Glossary
298. $\pi o ́ \lambda \iota \varsigma=\delta \hat{\eta} \mu o s$. Glossary
299. картє $о$ ós $=\kappa \rho a \tau \epsilon \rho o ́ s, ~ i n ~$ meaning $=\kappa$ úplos. 49.2 $a$, Glossary
300. Special Cretan:


71
2. $\theta \theta$ (rarely $\tau \theta)=\sigma \theta .85 .3$
3. $\theta \theta=\sigma \sigma$, late. $81 a$
4. $\tau \tau=\kappa \tau .86 .1$
5. $\nu \nu=\rho \nu .86 .5$
6. $\mu \mu=\mu \nu .86 .6$
7. $\pi \rho \epsilon і ̂ \gamma \nu \varsigma, \pi \rho \epsilon \mathfrak{l} \gamma \omega \nu, \pi \rho \epsilon \grave{\gamma} \downarrow$ $\sigma \tau o s$, etc. $=\pi \rho \epsilon ́ \sigma \beta \nu \varsigma$ etc. 86.3
8. $\mu a \mathfrak{i} \tau v \rho-=\mu a ́ \rho \tau v \rho-71 a$
9. Assimilation in sentence combination more extensive than elsewhere. 97.4,5, 98
10. Acc. pl. of cons. stems in -avs. 107.4

13. ö $\tau \iota s$, gen. sg.ö $\boldsymbol{\imath} \tau$, acc. pl. neut.
 128
14. ö́tetos = ö̃tolos. 130

16. ǒtai as final conj. $132.5,8 \mathrm{a}$
17. $\pi о \rho \tau \ell=\pi \rho o ́ s .70 .1,135.6$
18. aì ${ }^{\prime} \omega=$ aipé $\omega .12$
19. Infin. $-\mu \eta \nu$ beside $-\mu \epsilon \nu .154 .4$
20. $\theta$ îvos $=\theta \epsilon$ êos. 164.9

22. $\omega \nu \dot{\prime} \omega, \pi \epsilon \dot{v} \theta \omega$, è $\lambda \epsilon v \sigma \epsilon ́ \omega .162 .9$
23. $\lambda$ araí $\omega$ release. 162.8
24. кóv $\boldsymbol{\mu}$ оs, official title. Glossary
11. Acc. pl. трíivs. 114.3
273. Cretan, as commonly understood and as described above, is the dialect of the inscriptions of Gortyna (which is by far the most fully represented) Cnossos, Lyttos, Vaxos, and the other cities of the great central portion of Crete. This is also known more specifically as Central Cretan. Eastward, at Olus, Dreros, Latos, etc., the dialect is much less uniform; and in the inscriptions of cities of the eastern extremity of the island, as Hierapytna, Praesos, and Itanos, and again in those from the cities of the western extremity, as Aptera, Cydonia, etc., many of the most striking Cretan characteristics are wholly lacking. Hence the terms East Cretan, usually reckoned from Hierapytna eastward, and West Cretan, from Lappa westward, are sometimes employed. But there is no sufficient ground for the belief that the East, West, and Central Cretan are fundamental divisions of the dialect, or that they reflect to any degree the various constituent elements in the population. The East and West Cretan inscriptions, the latter very meager, are comparatively late, and show a large degree of obvious кoıv $\eta^{\prime}$ influence, partly Attic, partly the Doric кoıv $\eta$ of the other islands. The absence of many of the Cretan characteristics may well be, and probably is, due to external influence, which was felt earlier and more strongly than in Central Crete, where, especially at Gortyna, most of the peculiarities persisted until Roman times. However, an actual divergence of development, for which external causes are at least not apparent, is to be recognized in the treatment of $\epsilon 0$, which, instead of becoming $\iota 0$, appears as $o$ in close, $\omega$ in open, syllables ( 42.5 c, d ), e.g. коб $\mu \delta \nu \tau \epsilon$, é $\pi a \iota \nu \hat{\omega} \mu \epsilon \nu$, at Hierapytna, Allaria, Cydonia (коб $\mu$ óvтеs also at Aptera, Oleros). There are also a few other local variations. But, if we had ample material from the early period, it is highly probable that we should find that in the main the characteristics of Central Cretan were also general Cretan.

## SURVIVAL OF THE DIALECTS. GROWTH OF VARIOUS FORMS OF KOINH

274. Not only in earlier times, but also, in most parts of Greece, long after Attic had become the norm of literary prose, each state employed its own dialect, both in private and public monuments of internal concern, and in those of a more external or interstate character, such as decrees in honor of foreigners, decisions of interstate arbitration, treaties, and, in general, communications between different states. Thus, for example, an honorary decree of a Boeotian city is in the Boeotian dialect, no matter whether the recipient is a citizen of Athens, Delphi, Alexandria, or Tarentum. If the Eleans honor Damocrates of Tenedos, the decree is in the Elean of the time (no. 61). If Mytilene honors Erythrae, the decree is in Lesbian and a copy in this form is set up at Erythrae. Such is the usual practice, examples of which could be cited by the hundred, and any departure from which is the exception.

A decision of the Argives in a dispute between Melos and Cimo-- lus is in the Argive dialect (no. 81). And so in general such decisions were regularly rendered in the dialect of the arbitrators, and inscribed in this form by the states involved in the dispute, usually at home, but sometimes also in one of the great religious centers, as Delos or Olympia. The extant texts of treaties are, as a rule, in the dialect of that party in whose territory the text was found, and it is to be assumed that the version inscribed by the other party in its home was likewise in its dialect. Thus, for example, the monetary agreement between Mytilene and Phocaea in the Lesbian version found at Mytilene (no. 21), the treaty of alliance between Elis and Heraea (in Arcadia) in the Elean version found at Olympia (no. 58).

In communications between states using different dialects each party employs its own. For example, when Philip V of Macedon
sends certain recommendations to the city of Larissa, he writes in the Attic кoı $\nu$, which had long been the language of the Macedonian court, but the decrees which the city passes in response are in the Thessalian dialect (no. 28). An inscription of Mytilene contains the text of a decree of the Aetolian league in favor of Mytilene, in its original Aetolian (Northwest Greék $\kappa$ oı $\nu \eta$ ) form, a copy of which had been brought back by the Mytilenaean envoys, followed by a decree of Mytilene in Lesbian, quoting from the former decree and ordering the inscription of both. The regulations of the religious sanctuaries of Greece are drawn up in the dialect of the state which has direct charge of them, no less in the great Hellenic centers than in those of local fame. So, for example, an Amphictionic decree which is known to us only in the copy set up at Athens is in the Delphian dialect.
275. In the period before the rise of Attic as the language of literary prose, no one dialect was in a position even to influence other dialects except within narrow geographical limits. Yet it is probable that even then external influence was not wholly absent. There was no lack of intercourse to awaken consciousness of the peculiarities of one's own dialect as compared with those of others. Some of these peculiarities, especially such as were at variance with the practice of all or nearly all other dialects, might come to be regarded with disfavor as provincialisms, and be avoided in writing, and even in speech, or at least less consistently observed.

For example, the Laconians and the Argives, who were well aware that under certain conditions they omitted, or pronounced as a mere breathing, what was a $\sigma$ in the speech of most other Greeks, may have felt that this, unlike some of their other peculiarities, was a sort of weakness, which did not deserve to be exploited in writing. This would explain the inconsistency in the treatment of intervocalic $\sigma(h$ or $\sigma$ ) which is to be observed even in the early inscriptions of Laconia and Argolis, before any specific Attic influence is possible. See 59.1,2. The fact that Arcadian $\underline{\sigma} \iota s$ and $\kappa a ́ s$, agreeing with Cyprian ots and $\kappa \alpha{ }^{\prime}$, are found only in one early
inscription (no. 16), while all others have $\tau$ is and $\kappa a l$, may also be ascribed to the combined influence of the other dialects, just as in a later period, when specific Attic influence is more probable, $\pi \lambda$ o's was replaced by the usual $\pi \lambda$ éo $\nu$, in spite of the fact that other equally marked peculiarities like $i \boldsymbol{\nu}=\boldsymbol{\epsilon} \nu \boldsymbol{\nu}$ were unaffected. The Eleans gave up even in the sixth century their use of $\zeta$ for the $\delta$ of other dialects, and if, as is likely, this was a concession in spelling only, it is none the less in point.
276. Traces of Ionic influence are seen in the Doric islands, though the earliest evidence of this belongs rather to the history of the alphabet, namely the spread of the Ionic $\mathrm{H}=\boldsymbol{\eta}$ (4.6). It is not accidental that $\epsilon v$ for $\epsilon$, though occasionally found in continental Greece, is mainly found, outside of Ionic, in Rhodes, Cos, Thera, etc. In Cos occur such specific Ionic forms as $\tau e ́ \lambda \epsilon \omega s$ and $\dot{a} \pi o \delta \epsilon \xi \dot{a} \nu \tau \omega$. Even in the fifth century the coins of the Rhodian Ialysus show 'I $\boldsymbol{\lambda} \boldsymbol{\lambda} \boldsymbol{\sigma}$ ío $\boldsymbol{\nu}$ beside 'I $a \lambda \nu \sigma$ íov. Through the medium of the Doric кotv $\eta$ of the other islands (278), some Ionic peculiarities have even spread to Crete, e.g. at Itanos $\epsilon \boldsymbol{\epsilon}=\boldsymbol{\epsilon}, \boldsymbol{\epsilon}=\boldsymbol{\epsilon} \boldsymbol{\tau}$, and $\chi \rho \epsilon \omega \dot{\mu} \epsilon \theta a$.
277. The Attic кo九 $\nu \eta$. The foundation of the ultimate supremacy of Attic is to be sought in the political conditions of the fifth century b.c. In this we refer to something more than the fact, important as it is, that in this period Athens became the intellectual center of Greece and Attic the recognized language of literary prose. It is within the sphere of influence represented by the confederacy of Delos and the Athenian empire that Attic made its first advance as an ordinary medium of communication. Of all dialects it is Ionic which shows the first signs of Attic influence and is the first to lose its identity as a distinct dialect. Some traces of this influence are seen even in the Ionic inscriptions of the fifth century, especially in the islands, and in the fourth century the majority of inscriptions show at least a mixture of Attic forms, and some, even from the early part of the century, are substantially Attic. After this, Ionic practically ceased to exist as a distinct dialect, though some Ionic peculiarities are occasionally found in much later times,
mostly in proper names and certain conventional words or phrases. It is this Attic, already well-nigh established in Ionic territory, and in some respects modified by Ionic, that the Macedonians took up and spread, and which is henceforth termed the кoוv $\eta$, or, more specifically, the Attic кoıv $\eta$.

The Macedonian period, indeed, forms the principal landmark in the evolution of a standard language in Greece. For in it the Attic кoו $\nu \dot{\eta}$ was spread over a vast territory and permanently established in places which were to become leading centers of Greek life. Yet this is only a stage, marking neither the beginning, as we have seen, nor, still less, the end. Excepting Ionic, and Cyprian, of which we have no later record, the other dialects, though showing more or less $\kappa o \iota \nu \eta \eta^{\prime}$ influence, remained in common use in inscriptions from one to upwards of three centuries later. But eventually the кoolv' attained complete supremacy both as the written and the spoken language, and from it is descended Modern Greek. The only important exception is the present Tsakonian dialect, spoken in a small portion of Laconia, which is in part the offspring of the ancient Laconian.
278. The Doric кoıvฑ. In most of the Doric dialects Attic influence shows itself, to some extent, even in the fourth century B.c., and there was gradually evolved a type of modified Doric which prevails in the inscriptions of the last three centuries b.c., and is conveniently known as the Doric ко८ข $\eta$. This is substantially Doric, retaining a majority of the general West Greek characteristics, but with a tendency to eliminate local peculiarities, and with a strong admixture of forms from the Attic кoı $\nu \eta$. In spite of some variety in the degree of mixture, and the retention of some local peculiarities, e.g. the infinitive in $-\mu \epsilon \tau \nu$ at Rhodes, there is yet a very considerable unity, amply sufficient to justify us in speaking of a distinct type of $\kappa o \iota \nu \eta$.

That the mixture is not a haphazard one is shown, for example, in the fact that the substitution of $\epsilon i$ for $a i$, side by side with the retention of $\kappa a$, resulting in the hybrid $\epsilon \check{l} \kappa a$, is very general, while the
opposite, $a i{ }^{\boldsymbol{a}}{ }^{\prime} \nu$, is unknown. iapós is replaced by $i \in \rho o{ }^{\prime} s$. The numerals show the forms of the Attic кoı $\nu$ ', e.g. acc. pl. $\tau \rho \epsilon i \hat{\rho}$ for $\tau \rho i 今$,
 бєра́коута (тєббара́коута, тєттара́коута) for тєтрю́кодта, ঠьако́б८оь etc. for -ка́тьol. In $\iota$-stems we usually find $\pi o ́ \lambda \iota o s, \pi o ́ \lambda \iota e s ~ r e t a i n e d, ~$ but $\pi o ́ \lambda \epsilon \iota, \pi o ́ \lambda \epsilon \sigma \iota$, acc. pl. $\pi \dot{\prime} \lambda \epsilon \iota s$. Nouns in - $\epsilon$ '́s follow the Attic type except in the accusative singular, e.g. $\beta a \sigma \iota \lambda e ́ \omega s$, nom.-acc. pl. $\beta a \sigma \iota \lambda \epsilon \hat{\imath}$, but acc. sg. $\beta a \sigma \iota \lambda \hat{\eta}$. So Att. $\beta a \sigma \iota \lambda$ é $\omega$ s is usual, but Att. $\pi o \lambda \lambda \epsilon \omega$ rare. The substitution of oi, ai for $\tau o l, \tau a l$ is frequent, but there is great variation in this respect, $\boldsymbol{\tau} \boldsymbol{l}$ and oi occurring not infrequently even in the same inscription. Attic ov from $\epsilon 0$ is frequent, especially in verbs in - $\epsilon \omega$. In some places, as far apart as Rhodes and Corcyra, we find inscriptions which have the verb-forms uniformly in ov, but the genitive singular of $\sigma$-stems in - $\epsilon \circ$ or
 Corc. $\pi o \iota o v ̂ \nu \tau \epsilon s$ etc. but 'Apıбтoبéveos etc. (SGDI. 3206). Attic $\omega$ from $\epsilon \omega$ is also more common in verbs than in nouns. In dialects which have $\boldsymbol{\xi} \hat{\eta} \nu 0 s$ or $\boldsymbol{\xi} \in i=1 \nu o s$ etc. (54), such forms are often replaced by the Attic, especially in the case of $\pi \rho o \xi^{\prime} \in \nu 0 s$. The first plural ending $-\mu \epsilon s$ is generally replaced by $-\mu \epsilon \nu$, though it persists in some places.

There are various other Attic forms which are not infrequent, but much less common than the dialect forms, e.g. $\omega \nu$ beside $\boldsymbol{\epsilon} \omega \boldsymbol{\nu} \nu$, imperative ending $-\nu \tau \omega \nu$ beside $-\nu \tau \omega, \pi \rho \hat{\omega} \tau o s$ beside $\pi \rho \hat{a} \tau o \varsigma, \pi \rho o ́ s$ beside потi. Many of the dialectic peculiarities persist with scarcely any intrusion of the corresponding Attic forms, e.g. $\bar{a}=$ Att.-Ion. $\boldsymbol{\eta}$, $\kappa a$, verb forms like $\delta i \delta \omega \omega \tau \iota$, $\phi$ é $\rho o \nu \tau \iota$, Doric future, future and aorist in $\boldsymbol{\xi}$ (142), á $\mu$ és etc. Att. $\eta$, ă $\nu$, and verb-forms like $\delta i \delta \omega \omega \sigma, \phi \in-$ povaı are almost unknown except in the very last stages when the Attic $\kappa o \iota \nu \dot{\eta}$ as a whole is practically established. $\bar{a}$ is sometimes found as late as the third century A.D., but only as a bit of local color, perhaps artificial, in what is otherwise the Attic cotv $\eta$.
279. The Northwest Greek кoıv $\eta$. This is very similar to the Doric $\kappa o \iota \nu \eta^{\prime}$, showing about the same mixture of Attic with West

Greek forms. But it differs from it in that it retains two of the most characteristic features of the Northwest Greek dialects as compared with Doric, namely $\boldsymbol{\epsilon} \nu=\epsilon i s$, and the dative plural of consonant stems in -ocs. The use of this type is closely connected with the political power of the Aetolian league. We find it employed, in the third century b.c. and later, in Aetolia and in all decrees of the Aetolian league, in Western Locris (Naupactus was incorporated in the league in 338 b.c., the rest of Western Locris somewhat later), Phocis (Delphi was in the hands of the Aetolians by at least 290 b.c.), the land of the Aenianes, Malis and Phthiotis, all of which became Aetolian in the course of the third century b.c. Without doubt it was also used in Doris, from which we have no material, and in Eastern Locris. In Boeotia, which was in the Aetolian league but a short time ( $245-234$ b.c.), it was never employed, though there are some few traces of its influence (222). The only extant decrees of Cephallenia and Ithaca, of about 200 b.c., are in this same Northwest Greek cool $\eta^{\prime}$, reminding us that Cephallenia, of which Ithaca was a dependency, was allied with the Aetolians (Polyb. 4.6). Parts of the Peloponnesus were also for a time under Aetolian domination, and the characteristic dative plural in -oıs is found in Arcadia, Messenia (also $\dot{\epsilon} \nu=\epsilon i s$ ), and Laconia. There is one example even as far away as Crete ( $\lambda \iota \mu$ évoıs SGDI. $4942 b$; 159-138 в.C.), but clearly an importation. Aetolians had taken part in the internal wars of Crete, and Cretans had served in the armies of both the Aetolian and the Achaean leagues (Polyb. 4.53).

The inscriptions of this period from Acarnania, Epirus, and Achaea, including decrees of the Acarnanian, Epirotan, and Achaean leagues, are not in the Northwest Greek coıv ${ }^{\prime}$ as defined above (they do not have $\dot{\epsilon} \nu=\epsilon i \mathcal{s}$, or the dative plural of consonant stems in -ocs), but in the Doric кocv $\eta^{\prime}$. At this time at least the speech of Acarnania and Epirus was not essentially different from that of Corcyra, nor that of Achaea from that of Corinth and Sicyon.

In the Arcadian inscriptions of this period the native Arcadian forms are wholly or in part replaced by West Greek forms，and this is probably due in large part to the influence of the Doric coıv $\eta$ of the Achaean league．But the Aetolians also held parts of Arcadia for a time，and，as noted above，there are some exam－ ples of the dative plural in－ots borrowed from the Northwest Greek кoı $\eta^{\prime}$ ．

280．Some more detailed observations upon the time and extent of $\kappa o \iota \nu \eta$ influence in the various dialects have been made in connec－ tion with the Summaries of Characteristics（180－273），and in the notes to some of the late inscriptions．

What has just been noted in the case of the Doric кolv $\eta$ is true in all dialects，namely，that of the dialectic peculiarities some are given up much earlier than others．Furthermore it is nothing un－ usual to find hybrid forms，part dialectic，part kotv $\eta$ ，e．g．Doric future with Attic ov，as moıทoov̂vtı etc．frequently，－Boeot．ãos，a contamination of $\dot{\boldsymbol{a}}$ s and $\tilde{\epsilon} \omega \varsigma$, －Heracl．feícatı，a contamination of flкatı and eौ火ооєっ，Boeot．$\zeta \boldsymbol{\omega} \omega \nu \theta \iota$ with dialectic present stem and personal ending，but Attic $\zeta$（pure Boeot．$\delta \omega \omega^{\omega} \nu \boldsymbol{\theta} \iota$ ），— Boeot．éкүóvшs with dialectic case－ending，but Attic $\boldsymbol{e}^{\kappa} \kappa$－（pure Boeot．$\left.\dot{\epsilon} \sigma \gamma \dot{o} \nu \omega \varsigma\right)$ ，－ Thess．acc．pl．$\gamma \iota \nu o \mu e ́ v o s ~ w i t h ~ d i a l e c t i c ~ c a s e-e n d i n g, ~ b u t ~ A t t i c ~ s t e m ~$



Besides such hybrids，hyper－Doric or hyper－Aeolic forms are occasionally met with in late inscriptions，though less often than in our literary texts．Thus the Attic term eै $\phi \boldsymbol{\eta} \boldsymbol{\beta}$ os（with original $\eta$ ， cf．Dor．$\eta \beta a$ ），when adopted in other dialects，was sometimes given the pseudo－dialectic form éфaßos，e．g．in some late Doric and Les－ bian inscriptions，in imitation of the frequent equivalence of dia－ lectic $\bar{a}$ to Attic $\eta$ ．Conversely the Attic form was sometimes retained in opposition to what would be its true dialectic equiva－ lent，as in Boeotian usually ê $\phi \eta \beta o s$, rarely ế $\phi \iota \beta o s$ ．Similarly the Doric ${ }^{〔} \mathrm{H} \rho a \kappa \lambda \hat{\eta}$ s and its derivatives keep $\eta$ in Boeotian．Cf．also on Cret．Пúтıos， 63.

In Roman imperial times the antiquarian interest in local dialects is reflected in the revival of their use in parts of Greece where for some two centuries previously the Attic кocví had been in general use, at least in inscriptions. So, for example, in the case of Lesbian (cf. no. 24), Laconian (cf. nos. 70-73), and to some extent in Elean, where examples of rhotacism reappear in the first and second centuries A.D. It is impossible to determine in every case whether this was a wholly artificial revival of a dialect which had long ceased to be spoken, or was an artificial elevation to written use of a dialect which had survived throughout the interval as a patois. The latter is true of Laconian (see 277, end, and note to nos. 70-73). But for most dialects we have no adequate evidence as to the length of their survival in spoken form.

## PART II: SELECTED INSCRIPTIONS

The brief introductory statement to each inscription gives its provenance and approximate date, with references to several of the most important collections. The extensive bibliographies in these collections make it unnecessary to cite the numerous special discussions in periodicals etc., except in the case of a few recently discovered inscriptions. For the abbreviations employed, see pp. 281 ff . References to the collections are by the numbers of the inscriptions, unless otherwise stated, while those to periodicals are by pages.

It has seemed unnecessary to state in the case of every inscription whether the alphabet is the epichoric or the ordinary Ionic, since this is generally obvious from the date given, as well as from the transcription. It may be taken for granted, unless otherwise stated, that inscriptions of the fifth century в.c. or earlier are in the epichoric alphabet, those of the fourth century b.c. or later in the Ionic. Hence comments on the form of the alphabet employed are added only in special cases.

The transcription of texts in the older alphabet is such as to give the student some assistance, without confusing what is in the original and what is a matter of editing. The signs $E$ and $O$, when representing long vowels, no matter whether the later spelling is $\eta, \omega$ or $\epsilon$, , ov, are transcribed simply $\bar{\epsilon}, \bar{o}$. The spiritus asper, when expressed in the original, is transcribed $h$, leaving the use of ${ }^{\text {e }}$ as a matter of editing. See p. 49, footnote. The use of the following signs is to be noted.
[ ] for restorations of letters no longer legible.
〈 > for letters inscribed by mistake, and to be ignored by the reader.
( ) for 1) expansion of abbreviations, 2) letters omitted by mistake, 3) corrected letters. Obvious corrections are given thus, without adding the original reading. Less certain corrections are sometimes commented on in the notes, with citation of the original reading, as are also obscure readings due to the mutilation of the letters. But often this is not done, it being thought unnecessary in a work of this kind to repeat the full critical apparatus of other collections.

-     -         -             - for a lacuna, where no restoration is attempted.
.... for a similar lacuna where it is desired to show, at least approximately, the number of missing letters, each dot standing for a letter. In general, these are employed only for short lacunae.
| for the beginning of each new line in the original.
$\|$ for the beginning of every fifth line in the original.
||| for the division between the obverse and reverse sides, or between. columps. Used only where the text is printed continuously.


## Ionic

## East Ionic

1. Sigeum. Early VI cent. b. c. SGDI. 5531. Hicks 8. Hoffman III. 130. Michel 1313. Roberts 42 and pp. 334 ff. The second version (B) is in Attic.




 $\sigma \epsilon \nu \mathrm{Hal} \mathrm{\sigma ö} \pi о s ~ \kappa а i ~ h a \delta є \lambda \phi o l . ~$
2. Monument of Phanodicus of Proconnesus, recording his gift of a mixing bowl, a stand for it, and a winestrainer, to the Sigean prytaneum. The pillar was prepared and furnished with its Ionic inscription at Proconnesus, which was a colony of Miletus. The Attic version was added at Sigeum, which was already at this time occupied by Athenians.

The divergence between $A$ and the corresponding portion of $B$ is partly due to the normal differences of dialect, es. Ion. $\kappa \rho \eta \tau \hat{\eta} \rho a$ with $\eta$ after $\rho$, $\pi \rho u \tau a \nu h<\omega \nu=$ Att. $\pi \rho \nu \tau \alpha \nu \epsilon \hat{\imath} \nu$, and $\tau \grave{2} \rho-$ $\mu o к \rho d \tau \epsilon o s$ with psilosis and consequent crasis and uncontracted -eos in contrast
 in contrast to Att. ériotarov, is an Ionic form found elsewhere. Other differ-
ences are due merely to the absence of signs for $\eta$ and $\omega$ in the Attic alphabet, or are accidental, as $\frac{\dot{c}}{\epsilon} l$ in $A, \epsilon l \mu l$ in $B$, where the spelling $e t$ at such an early date is as exceptional in Attic as it would be in Ionic, or dat. pl. eevocv in A, eon in B, where the use of $\nu$ movele is variable in both dialects.
2. Decree of the council of Halicarnassians and Salmacitians and Lygdamus regarding disputes over real estate. Lygdamis is the tyrant who drove Herodotus into exile and whom a revoluton eventually expelled from the city. It is probable that this inscription dates from a period when the citizens had arisen and restored the exiles, but had come to terms temporarily with Lygdamis. The disputes would then be concerning the property of the former
2. Halicarnassus. Before 454 в.c. SGDI.5726. Ditt.Syll.10. Greek Inscr.Brit.Mus.IV.i.886. Hicks 27. Hoffmann III.171. Inscr.Jurid.I,pp. 1 ff . Michel 451 . Roberts 145 and pp. 339 ff. Solmsen 45 . For the character T, see 4.4. Letters which, though now lacking, are found in Lord Charlemont's copy, are printed without the marks of restoration.













exiles (cf. no. 22), although this is nowhere stated. Salmacis was a town partially merged with Halicarnassus, and represented with it by a common council, though still retaining its own officials. Halicarnassus was originally Doric, but had already become Ionic in speech. Many of the proper names are of Carian origin.

8 ff . 'The mnemones or commissioners are not to transfer lands or houses to the incoming board consisting of Apollonides and his colleagues.' That is, apparently, property which had been in the hands of the commissioners for settlement, or perhaps in sequestration, was now to be turned over to the presumptive owners instead of to the new board, in order to secure an immediate disposal of these matters, even though this might in many cases
be only tentative and subject to further litigation. The phrase used in 1.30 ' when A. and P. were commissioners' has reference to future suits, and is not inconsistent with the view that these men constituted the incoming board at the time of the decree. 16 ff . 'Any one wishing to bring suit must prefer his claim within eighteen months of the time of the decree. The dicasts shall administer the oath (to the one bringing suit) in accordance with the present law. Whatever the commissioners have knowledge of (e.g. through their records) shall be valid.' -22 ff. 'If one prefers a claim after the prescribed period, the one in possession of the property shall take the oath (that is, he shall have the preference in taking the oath; cf. the use of $\delta \rho \kappa$ córepos in the Gortynian Law-Code).









 $\lambda \omega[\nu l] \omega \iota$ є่ $\pi \iota \kappa a \lambda \overline{\bar{\epsilon}} \nu$
3. Teos. About 475 b.c. SGDI.5632. Hicks 23. Hoffmann III. 105. Michel 1318. Roberts 142 and pp. 336 ff. Solmsen 42.


 à $\pi o ́ \lambda \lambda \nu \sigma \theta a \iota ~ \kappa a i ̀ ~ a u ̉ \tau\rceil o ̀ \nu ~ \kappa a i ̀ ~ \gamma e ́ v o s ~ \tau o ̀ ~ \kappa e ̂ v o ̄ . ~$
B $\quad[1,2$ fragmentary $]$ ö $\sigma \tau \iota \varsigma \mathrm{T} \eta \boldsymbol{i} \omega \nu \epsilon[\dot{\nu} \theta] \dot{v} \nu \omega \iota \mid \hat{\eta} a i \sigma \nu[\mu] \nu \dot{\eta} \tau \eta \iota[\dot{a} \pi \epsilon \iota-$


The dicasts shall administer the oath, receiving a twelfth of a stater as fee, and the oath shall be taken in the presence of the plaintiff. Those who held the property when Apollonides and Panamyes were commissioners shall be the legal possessors, unless they have disposed of it later.'- $\mathbf{d r e n t e f}^{2}$ $\sigma a v: \dot{d} \pi о \pi \iota \pi \rho \dot{\alpha} \sigma \kappa \omega$, not found elsewhere. -32 ff . 'If any one wishes to annul this law or proposes a vote to this effect, his property shall be sold and dedicated to Apollo, and he himself shall be an exile forever. If his property is not worth ten staters, he himself shall be sold for transportation and never be
allowed to return.' -41 ff . 'Of all the Halicarnassians any one who does not transgress these things such as they have sworn to and as is recorded in the temple of Apollo, shall be at liberty
 $\tau \hat{\tau} \nu \sigma \nu \mu \pi d \nu \tau \omega \nu .96 .2$.
3. Imprecations against evil-doers.

A 1 ff. Against those who manufac-
 community. - 6 ff . Against those who interfere with the importation of grain. -avwecol $\eta$ : contrasted with rowî 1.2. See 48.6, 157 b.

B3ff. Against thosewho resist theauthority of the magistrates. The eivovos






 $\xi \nu \nu \bar{o}$ єiठ̀̀s $\hat{\eta} \pi[\rho o ̀ s]|" E \lambda \lambda \eta \nu a s \hat{\eta} \pi \rho o ̀ s ~ \beta a \rho \beta a ́ \rho o| u s, ~ a ̀ \pi o ́ \lambda \lambda \nu \sigma \theta a \iota$





4. Chios. V cent. b.c. SGDI.5653. Hoffmann III.80. Michel 1383. Roberts 149 and pp. 343 ff. Solmsen 41.







must have been a superior official to the ordinary eiduvot or auditors. The alovuvitins is often an extraordinary official like the Roman dictator, but possibly a regular magistrate at Teos. - 8 ff . Against unfaithful and treasonable magistrates. The restoration of ll. 8-18 is uncertain. - 29 ff. Against magistrates who fail to pronounce the imprecations. - The $\tau \boldsymbol{\mu} 00$ रoc are probably the regular annual magistrates, like the archons elsewhere. - тоıfos-


assembly at the Anthesteria, etc.' 35 ff . Against those who damage the stele. - кardjat etc.: aor. subj. 150, 176.2.
4. Decree fixing the boundaries of a district called Lophitis, followed by provisions for its sale and a list of the purchasers.

For the Lesbian elementsin the Chian dialect, see 184 with references. For
 see also 150. For $\pi$ ( $\lambda e \omega$, see 109.2. paot ${ }^{2}$ bs ( C 8 ) is the earliest example of $\epsilon 0=$ ev (38).
 $\sigma \iota \nu, \grave{e} \nu \grave{\epsilon} \pi \mid a \rho \eta ̂ \iota ~ e ̌ \sigma \tau \tau \omega$.

B


 25 бо|ves ávचpíӨe|vtǫ є̇óvtes.



 $\mu[a] \mid$ ías émapds тоıทิтaı. \|












B 'In the case of alawsuit ( $\pi \rho \eta \hat{\chi} \chi \mu a$ ), the Fifteen are to bring it before the council within five days and make public announcement of it in the villages and in the city.'

C 1-8. If any one excludes the purchasers from possession or brings suit against them, the city, taking up the cause of those that are excluded, shall sustain the suit, and, if it loses, reimburse them. The purchaser shall be free
from litigation. Whoever makes the sales invalid, him shall the $\beta a \sigma$ ıdés curse, when he makes the customary impreca-tions.- 10 ff . There purchased lands and houses: from the sons of Annices, Hicesius, son of Hegepolis, for 5340 (staters), Athenagoras, son of Herodotus, for 1700; from Thargeleus, Philocles, son of Zenodotus, the property in Euadae for 2700; etc.-19, 20. kolvorf-


5．Erythrae．About 357 b．c．SGDI．5687．Ditt．Syll．107．Hicks 134. Hoffmann III．96．Michel 501.









 то⿱亠乂s $\left.\epsilon^{\prime} \xi \in \tau a \sigma \tau a ́ s\right]$ ．

## Central Ionic

6．Naxos．Found at Delos．VII or early VI cent．b．c．SGDI．5423． Hoffmann III．30．Michel 1150．Roberts 25．Solmsen 46.
 Yó $\rho \eta \Delta \epsilon \iota \nu o \mid \delta i ́ \kappa \eta o ~ \tau o ̂ ̀ ~ N a h \sigma i o ̄, ~ e ̌ h \sigma o \chi o s ~ \dot{a}(\lambda) \lambda \eta ́ o ̄ \nu$ ，


7．Naxos．Found at Delos．VII or early VI cent．b．c．SGDI．5421． Hoffmann III．33．Roberts 27.


5．Decree in honor of Maussolus，the satrap of Caria，to whose memory the famous Mausoleum was erected by his widow Artemisia．－ 15 ff．See 136．9．

6．Inscribed on an archaic statue of Artemis found at Delos．日 is used as $h$ and $h e$ ，and for $\eta$ from $\bar{a}$ ，but not for original $\eta$ ．See 4．6， $8 a$ ．In $\Delta \epsilon \iota \nu \delta i \kappa \eta o$ and $\alpha(\lambda) \lambda \hat{\eta} \bar{o} \nu$ the endings，as the meter shows，have the value of one syllable， like $\epsilon \omega$ in Homer．See 41．4．The char－ acter which appears before $\sigma$ in Naholo etc．is $\square$ ，probably only a differenti－ ated form of 日，though some take it
as a sign for $\xi$ and transcribe Na $\xi \sigma l_{0}$ etc．
\％．On the base of a colossal statue of Apollo at Delos，dedicated by Nax－ ians．I am of the same stone，statue and pedestal．For dafutồ see 32.

8．Burial law directed against ex－ travagance in the funeral rites，like those enacted at Athens under Solon， and at Sparta under Lycurgus．

With two exceptions（ $\theta d \nu \eta \iota$ ，$\delta c a \rho a v-$ $\theta \hat{\eta}$ ）$H$ is used only for the $\eta$ from $\bar{a}$（or from $\epsilon a$, as $\bar{\epsilon} \pi \eta \eta, \theta$ Ón）．See 4．6， 8 a．
8. Iulis in Ceos. Last quarter V cent. b.c. IG.XII.v.i.593. SGDI. 5398. Ditt.Syll.877. Hoffmann III.42. Inscr.Jurid.I,pp. 10 ff. Michel 398. Solmsen 47. Ziehen,Leges Sacrae 83.




















3. бтрळцать кт入.: 'a cloth underneath the corpse, one wrapped about it , and one over it.' - 7. $\mu \mathrm{\mu}$ ка入и́ттті̀ $\kappa \tau \lambda$.: they are not to use a special covering for the bier, but cover all, the bier and the corpse, with the cloths before mentioned. -9. $\mathrm{X} \boldsymbol{\mathrm { \omega }} \boldsymbol{\mathrm { v }}$ : see 112.6 . -12. тробфауlor ктл.: 'they are to perform the sacrifice according to the ancestral custom.' By the law of Solon the sacrifice of an ox was forbidden. -13 f . The bier and the coverings, like the vessels ( $\mathrm{l}, 10$ ), are to be brought
home, instead of being left at the tomb. -15 f . 'The house is to be purified first with sea-water by a free man, then with hyssop by a slave.' But the restoration $\delta[\iota \kappa] \hat{\epsilon} \tau \eta[\nu \hat{\epsilon} \mu \beta] d \nu \tau a$ is uncertain. - 20. At Athens ceremonies in honor of the dead were performed on the third, ninth, and thirtieth days. The last are expressly forbidden here. 21. Directed against certain superstitious practices, the significance of which is not clear. - 27. taútaıs: dat. in -aıs due to Attic influence.



## West Ionic (Euboean)

9. VII cent. B.c. SGDI.5292. Rev.Arch. 1902 I,41 ff.

10. Cumae in Italy. VI cent. b.c. IG.XIV.865. SGDI.5267. Hoff-mann-III.6. Roberts 173.

11. Cumae in Italy. VI cent. b.c. IG.XIV.871. SGDI.5269. Hoffmann III.4. Roberts 177 a. Solmsen 48.

12. Amphipolis. 357 в.c. SGDI.5282. Ditt.Syll.113. Hicks 125. Hoffmann III.14. Michel 324. Solmsen 49.








13. On a lecythus, now in the Boston Museum of Fine Arts, the provenance of which is not stated. Probably manufactured in Boeotia by a Chalcidian potter, or at least inscribed in the Chalcidian dialect. Note the retention of intervocalic $f$ in the proper name 'Ayafinéfoō (which later became 'Ayafi-入ew), though not in exolē̃ev.
14. In this niche of the tomb rests Le-

15. When Philip captured Amphipolis in 347 в.c., he caused the banish-
ment of his opponents. Cf. Diod.16.8. Among this number were the two men against whom this decree was enacted, one of them, Stratocles, being known as one of the two envoys who were sent to Athens for aid. Cf. Dem. Olynth. 1.8. Amphipolis was a colony of Athens, but the population was mixed. Cf. Thuc.4.102 ff. At this time evidently the Chalcidian element predominated.
16. фeбүetv: cf. фeoyetc, 1.24. These are the only West Ion. examples of $\epsilon_{0}=$

17. Eretria. (A) End of $V$ cent. в.c., (B) middle of IV cent. b.c. SGDI.5308. Ditt. Syll.47,48. Hoffmann III.19. Michel 341.








18. Oropus. 411-402, or $386-377$ в.c. IG.VII.235. SGDI.5339. Ditt. Syll.589. Hoffmann III.25. Michel 698. Solmsen 50. Ziehen,Leges Sacrae 65.






19. This and no. 14 are in the Eretrian variety of Euboean, for which see 187 (60.3).
A. Ships of Tarentum formed part of the Peloponnesian fleet which defeated the A thenians off Eretria in 411 в.c. and so led to the Athenian loss of Eretria. Cf. Thuc. 8.91,95. It is in gratitude for this that Hegelochus of Tarentum and his sons are honored in this decree.
B. This decree is later than $\mathbf{A}$, but was inscribed on the same stone, because both recipients of honor are from Tarentum, and possibly relatives.
20. Regulations of the temple of Amphiaraus at Oropus. Oropus seems to have been an Eretrian possession before it passed into the hands of the Thebans in the sixth century, and preserved the Eretrian dialect throughout
the Boeotian and the subsequent Athenian domination. But from the end of the fourth century the inscriptions are in Attic.

1 ff . The priest evidently passed the winters in the town, leaving the temple entirely in the charge of the custodian. Butwith the end of winter, when visitors became more frequent, he was expected to go to the temple regularly, never missing more than three days at a time and remaining there at least ten days each month. He was to see to it that the custodian took proper care of the temple and its visitors.- 9 ff . 'If any one commits sacrilege in the temple, the priest shall have the right to impose a fine up to the sum of five drachmas and take pledges of the one penalized. If such a one offers the
















money, he must deposit it in the treasury in the presence of the priest. If any one suffers a private wrong in the temple, the priest shall decide matters of no more than three drachmas, but the more important cases shall be tried before the proper courts. The summons for wrongs done in the temple shall be made on the same day, but if the opponent does not agree, the case may go over till the next day.'16. ixdorols: for the several offenses. -17. elpftral: see 48.- lvrồa: see
 кплa.-21 ff. 'The one who is to be treated by the god shall pay a fee of not less than nine obols of current money (no bad coin was to be palmed off) and put it in the treasury in the presence of the custodian.' - ${ }^{2} \nu \nu$ eoßb $\lambda_{o v}$ is crowded into a space where a shorter word had been erased, presumably $\delta \rho a \chi \mu \hat{\eta} s$. Since the law was first
inscribed, the amount of the fee had been raised, and at the same time another provision, which followed after vewkboov in 1. 24, had been abrogated and erased, -25 ff . 'The priest shall make the prayers and place the victims on the altar, if he is present, but, if he is not present, the one who gives the offering. At the festival each shall make his own prayer, but the priest shall make the prayers for the sacrifices in behalf of the state, and he shall receive the skin of all the victims.'-
 restriction as to the kind of victims to be offered, such as is often made in temple regulations, but in any case the flesh was not to be carried off.-31. $\boldsymbol{\beta} \boldsymbol{\delta}$ -
 Eretrian inscription of laterdate, which never has $o=o v$, reads $\beta 6 \lambda \eta \tau a l$, $\beta \circ \lambda 6-$ $\mu \in \nu o v .-32 \mathrm{ff}$. roi סt lepet кrג.: 'the priest is to have the shoulder of each









 ... $\lambda$ ]ógov

## Arcadian

15. VI or early V cent. b.c. SGDI.373. Ditt.Syll.625. Roberts 237a. A.M. XXI, 240 ff.; XXX, 65.

Ka $\mu$ ò ủvéOvoe taî Kópfal.
16. Mantinea. V cent. b.c. Fougères, B.C.H.XVI,568ff. Homolle,ibid. 580 ff. Baunack, Ber.Sächs.Ges.1893, 93 ff. Keil, Gött.Nachr. 1895, 349 ff. Danielsson, Eranos II, 8 ff. Fougères,Mantinee, 523 ff. For U, which is transcribed $\underline{\sigma}$, see 4.4.


victim, except when there is a festival, and then only from the victims offered for the state.' - 33. lepfov: leppiov. 87,
 30 ff . 'The custodian is to inscribe the name of each one who consults the oracle, when he has paid his money, and place it on a tablet in the shrine so that any one who wishes may see it.' - tyka0ctiovtos: as elsewhere, those wishing to consult the oracle went to sleep in a room of the temple assigned for this purpose (see following), and received the oracle in a dream. -
 men and women are to lie in separate places, the men to the east of the altar,
the women to the west.'-46. ทंôs: see 41.4 $b$. - hoort[p才s: he designated by $H$, as in no. 6.
15. Dedication inscribed on a bronze cymbal, which, according to the more probable of two varying reports, was found near the modern Dimitzana in Arcadia. Formerly read Kánouv $\because \theta v \sigma e$ $\kappa r \lambda$. and ascribed to Thessalian, later as Kaut ív tevge. But the use of ive$\theta \nu \sigma \varepsilon=d \nu \epsilon \theta \eta \kappa \varepsilon$ is confirmed by a later dedication reading Фav $\lambda$ tas dutêvoe roî Mavl, in which the earlier of $(6,28)$ is replaced by dud.
16. Judgment against certain persons guilty of sacrilege toward Athena Alea, whose temple had been made the











scene of a bloody fray．Most of the difficulties in the reading and interpre－ tation have been cleared up，but some points are still uncertain．

1．The following are adjudged guilty
 146．1．Cf．，with the more usual aorist， $\delta \phi \lambda \varepsilon \nu$ lv $\delta \hat{\alpha} \mu \nu \nu$, no．17．4，and for the whole


 roû $\Delta \eta \lambda$ lov fyov roùs＇$\Delta \mu \phi ı \kappa \tau$ b́vas kal そтиттоу．IG．II．814，p．281．—13 f．Фクー $\mu a v \delta \rho o s$, as the form of the name shows（cf．1．30），was a foreigner from Attic or Ionic territory．As such，and because his guilt was in question，his case is treated separately，and his pen－ alty depends upon the decision of the oracle．－ăv：iadv． 58 a．－какріve：：ка－ takplpy aor．subj．95，149．－ 15 ff．If he is condemned by divine judgment to forfeit his property，this together with the slaves shall belong to the goddess，and one shall divide（between the goddess and the state？）the houses which he pos－ sesses（on the heights，referring to coun－ try houses in the mountains？）．－［［ d］ v ：uncertain，but more likely than
 —какрı日́̇E：aor．subj．pass．161．2．－ 18 ff ．Inasmuch as we，the goddess and the judges，have passed judgment upon the guilty parties as follows，namely that，having given up their inheritance， they shall forever be excluded from the temple，in the male line，it shall be well （propitious）．But if any one permits anything else，contrary to these things，
 атехоцivos：see 10．－22．катӧ́pіите－ pov：катd тठ depévтepov．94．1．－22． ă $\mu a \tau a$ пйvтa：a formulaic expression， Hom．$\eta_{\mu \mu \tau \alpha} \pi d \nu \tau a$ ，retained here in the imprecation，although $d \mu \dot{k} \rho a$ is the ordi－ nary prose word for day in Arcadian as elsewhere．（cf．no．17）．Similarly
 inscription．－24．The following impre－ cation shall pursue the sinner．Or，in－ stead of $\eta[\psi]$ ero from $\ell_{\text {roual，read }}$ $\boldsymbol{z}[\sigma]$ eroc shall be ？－30 ff．If Phemander is a murderer of either the men or the maiden who perished at that time in the temple，and the deed of that time was not of prior date，in that case he shall be punished as an impious person．Appar－ ently Phemander had set up an alibi
 fép $[o \nu \tau o u ̂ \tau o], \mid \kappa a ̀ s ~ \mu e ̂ ̀ ~ \phi o \nu e ̂ ̀ s, ~!̣ ̀ \lambda a o \nu ~ e ̂ v a \iota . ~$

17．Tegea．Early IV cent．b．c．Hoffmann I．29．Michel 695．Solmsen 1． Ziehen，LegesSacrae 62．Alphabet transitional； $\mathrm{E}=\overline{\boldsymbol{\epsilon}}, \mathrm{O}=\overline{\mathbf{o}}$ ，日 $=\boldsymbol{h}$ ；Ion．王 $=\boldsymbol{\xi}, X=\boldsymbol{X}$ ．
 $\delta^{\prime} \dot{a} \nu \kappa a \tau a \lambda \lambda a ́ \sigma \sigma \bar{\epsilon}, i \nu \phi о \rho \beta \iota \sigma \mu o ̀ \nu \bar{e} \nu a \iota \cdot \tau \mid \partial ̀ \nu h \iota \epsilon \rho о \mu \nu a ́ \mu о \nu a$ ì $\nu о \rho \beta i \epsilon \nu$.


to the effect that the deed of violence took place before he entered the tem－ ple．－34．тоте（\％）：the reading is TOTEE，which some transcribe $\tau \delta \tau^{\prime}$ 位． But $\boldsymbol{\eta}_{\epsilon}=$ Hom．$\eta_{\epsilon \nu}$ is impossible．The form to be expected is iss，though unfor－ tunately we can get this only by assum－ ing that $\sigma$ has been omitted by mistake．

17．Regulations of the temple of Athena Alea．The first five para－ graphs，11．1－20，deal with the rights of pasturage in Alea，the district in which the temple was situated and which was included in the temple property．The temple officials men－ tioned are the hieromnemon，the chief administrator of the affairs of the tem－ ple（also，in the plural，the board of administrators），the priest，and the hie－ rothytes，a minor official charged with the technical details of the sacrifice， though in some places this title came to be one of high rank．The Fifty and the Three Hundred were，doubtless， civic bodies．

The critical and difficult words are lyфop $l_{l \epsilon \nu,} l \nu \phi o \rho \beta \iota \sigma \mu b \nu$ ，plainly con－ nected with $\phi \epsilon \rho \beta \omega$ feed，$\phi \circ \rho \beta \dot{\eta}$ fod－ der，фopßela halter．Starting from the derived meaning seen in oopßela，one
may translate tie up，seize，but in ll．14－15 the seizure of small animals， contrasted with a tax of a drachma for large animals，seems extreme，espe－ cially in connection with 11．18－19．The interpretation impose a pasture tax is on the whole more satisfactory，though by this too the expression in 11．14－15 is strange，by apparent lack of con－ trast．One must assume that the pas－ ture tax was a fixed and merely nominal sum，and that the tax of one drachma for the larger animals was in excess of this．Hesychiushas $\epsilon \mu \phi \quad \sigma \rho \beta \iota \rho \cdot \tau \epsilon \lambda \omega \neq \eta \mu a$ ， which is parallel to etvolkov house－rent， è $\lambda$ cuet $\boldsymbol{\nu}$ ov harbor－dues，etc．From this would be derived lyфopßlev impose a pasture tax，and from this again，as if from－l $\zeta \omega$ ，lעфор $\leqslant \sigma \mu$ bs the imposition of a pasture tax．Cf．Solmsen，K．Z．XXXIV， 437 ff ．
 wise（кaтa入入á $\sigma \sigma \omega$ intrans．），that is goes beyond the number allowed．－3．$\lambda_{\text {ev－}}$ rov ：probably，an adv．$\lambda_{\text {eûtov，or a part．}}$ $\lambda \epsilon \dot{r} o ̈ v$, meaning wittingly，intentionally， but there is no certain etymon．－ 5 ff ． тòv hıcpo日v́тav $\kappa \tau \lambda$ ．：the hierothytes may pasture in Alea animals without blemish （and so suitable for the sacrifice），but

 т $\rho \iota \pi a \nu a \gamma o ́ \rho \sigma \iota o s ~ \tau a ̀ s ~ v ̇ \sigma \tau e ́ \rho a s ~ \tau \rho l s ~ a ̀ ~ \mu e ́ \rho a s ~ \nu e ́ \mu \epsilon \nu ~ o ̛ \tau \iota ~ h a ̀ \nu ~ \beta o ́ \lambda \overline{e ̄ \tau o \iota ~ o ̂ s ~} \|$



 тò $\delta$ è $\mu \epsilon i ̂ o \nu ~ i \nu \phi о \rho \beta i ́ \epsilon \nu .-T a ̀ ~ h \iota \epsilon \rho d ~ \pi \rho o ̛ ß a \tau a ~ \mu e ̀ ~ \mid ~ \nu e ́ \mu \epsilon \nu ~ i \nu ~ ' A \lambda e ́ a \iota ~$


 $\pi a \rho h є \tau a \xi ̆ a \mu e ́ v o s ~ \tau o ̀ s ~ \pi \epsilon \nu \tau e ̂ ́ \kappa о \nu \tau a ~ e ̂ ̀ ~ \tau o ̀ s ~ \tau \rho ı a \kappa a \mid \sigma i o s . ~-~ E i \kappa ~ e ́ \pi i ~ \delta o ̂ ̀ \mu a ~$






 óф $\lambda$ év. - Tò̀ Пavarópóıo $\mu e \overline{e ̂} \nu a$ [31-35 only a few words left.]
for those not unblemished (and so suitable only for personal use) one shall impose a pasture tax. He shall not go beyond what he declares in his function of hierothytes. That is, his official statement as to the condition of the animals is final. - 7. $\pi d \rho \quad \AA \nu: \pi d \rho a(\dot{a}) a \nu$. 58 a. - hıepoovtis : Lepoovtéwy. 78, 157. 9. hav: à $\mathbf{v}$. 58 d.- ốs $\mu$ í: used like 8бov $\mu$.. - 20. Unless the Fifty or the Three Hundred approve. Acc. abs. construction. 178.-21. \&ồma: temple. - droloe: aor. subj. to fut. olvo, cf. Hom. olvémeval, Hdt. àvoîcal. For absence of $a \nu$ see 174. - 23 ff . Meaning
uncertain, but probably If one drives in a wagon to the sacrifice off the high road leading through Alea, one shall pay afine of three obols for each (wagon), etc.-Oひ́न日īv : aor. infin. pass. with middle force, to offer sacrifice.-какєциivav: катакєє $\mu \hat{\epsilon} \eta \eta$ s. $95 .-26$ ff. The officials are to make all arrangements for the market, which was held at ancient festivals as at our modern fairs. Cf. Ditt.Syll.653.99 ff.-28. ãvס $\sigma \sigma \mu[\mathrm{\omega v}]$ : probably to be restored thus, and taken as an adjective agreeing with $\kappa \delta \pi \rho o \nu$, but the meaning is uncertain (saleable?).
18. Tegea. III cent. b.c. SGDI.1222. Hoffmann I.30. Michel 585. Solm$\operatorname{sen} 2$.











 $\kappa a ̀ \tau ~ \epsilon i ́ ~ \delta e ́ ~ т \iota \nu a ~ т \rho o ́ т о \nu ~ \phi \theta \eta ̣ \rho \omega \nu, ~ \zeta a \mu \iota o ́ \nu \tau \omega \mid ~ o i ~ e ́ \sigma \delta o т \eta ̂ \rho e s, ~ o ̈ \sigma a \iota ~ a ̂ \nu ~$




18. Regulations governing buildingcontracts.

1 ff. , if any trouble arises between the contractors on the same work, as regards the work. -4. dสì rai: from the time when, relative use of the article, as in 1.14 etc. See $126 .-6$ ff. If war shall interrupt any of the works contracted for, or should destroy any of those completed. Note the change of mood.
 introduce the matter, Att. apbrodov rol-eírөal.-11. 入aфиротш入iov: Att. form of gen. Instead of sale of plunder the word must mean here simply plundering, 'the city being subjected to plunder.' -12 ff . But if any one who has made a contract kas not begun on the works and war ixiterrupts, he shall return
whatever money he may have received and withdraw from the work, if those giving out the contracts so order. - 15 ff . If any one makes opposition to the allotments of the works or does an injury in
 $\tau \iota s$, detached from verbal phrases, has come to be used independently in the sense of a simple indefinite, as is sometimes $\epsilon^{l} \tau / s$ in Attic (e.g. Thuc. 7.21.5).
 with whatever penalty seems best to them. -20. to the court which is constituted to suit the amount of the penalty. $\pi \lambda \eta \theta \in \mathrm{c}$ : this, not $\pi \lambda \boldsymbol{\eta} \theta \mathrm{c}$, has recently been shown to be the correct reading. -21 ff . 'No more than two partners for any one piece of work, and no contractor to have more than two


















pieces of work without the unanimous
 кт $\lambda_{\text {. : any one who wishes may be in- }}$ former, receiving half the fine as a reward. - 25. кard aürd: кard $\tau$ d aùrd. So катdкер (ll. 43, 50) for катd тdкep, Att. ка $\theta d \pi \epsilon \rho$. - 28. โ $\lceil\mu \mu \omega[\sigma] 0 \omega$ : the fourth letter from the end is uncertain, but probably $\omega$ not 0 . See 157 . - 33 ff. Owing to the preceding lacuna, the occasion and intent of this prescription is not clear. Otherwise he (the contractor) shall not be liable to suit anywhere else than in Tegea. But if he is subjected to suit, he shall pay double the amount for which the suit is brought. And the same person who was (the surety) for the work, shall be surety for this fine, for its payment. iv *ovecolv

 sonally with the dative of the person who is liable to suit. For lvoıxḑŋroc,
 SGDI. 1432 a, and Delph. 'ivסıка 56нevo if subjected to suit SGDI. 1795. - $\mathbf{3 7}$ ff. 'If a contractor injures any of the existing works contrary to the terms of the contract, he must at his own expense put it in as good condition as it was at the time of the contract. Otherwise he must pay the same penalties that are fixed for other pieces of work overdue.' - 45 ff. 'If a contractor or workman seems to be abusing the works, or disobedient to those in charge, or disregardful of the established fines, the workman may be expelled from the work, and the contractor brought to trial and fined in the same way as is




 $\tau a i ̂ ~ \epsilon ̇ \pi \epsilon ̀ s ~ \tau o ̂ ̂ ~ e ̆ \rho \gamma o \iota ~ \gamma \epsilon \gamma \rho a \mu \mu e ́ v[a \iota ~ \sigma v] \gamma \gamma \rho a ́ \phi[o l] . ~$
prescribed for those who make opposition to the allotments.' - 50 . $\mathbf{5}$ apıóvres lv $\mathrm{i} \pi$ coploty: condensed expression for үамьбутеs каl dүкари́ббоขтеs кт入. Cf. 11. 17-19. - 51. тঠ̀s imьotapívos: acc.


The giving out of the contracts and acceptance of proposals is the same thing. - 53 ff . 'This general contract shall be in force in addition to the special contract for the particular piece of work.'

## Cyprian

## The Cyprian Syllabary

Nearly all the Cyprian inscriptions are written in a special syllabary. This consists of signs for each of the five vowels - these being used where no consonant immediately precedes, that is initially and for the second element of diphthongs - and signs for each combination of consonant and following vowel, as $m a, m e$, etc. But there is no distinction between long and short vowels, nor, in the case of mutes, between surd, sonant, and aspirate. Hence the sign te (the transcription with $t$ is a matter of convention) may stand for $\tau \epsilon, \tau \eta, \delta \epsilon, \delta \eta, \theta \epsilon$, or $\theta \eta$. Nasals before consonants are not written, e.g. a $t i=\dot{\alpha}(v) \tau i{ }^{1}{ }^{1}$

For a final consonant the sign containing the vowel $e$ is used, e.g. ka se $=\kappa$ ќs. For groups of consonants the first is indicated by the sign containing the vowel of the syllable to which this consonant belongs. That is, its vowel is determined by the following in the case of initial groups and consonant + liquid; by the preceding in the case of liquid + consonant, and also $\sigma+$ consonant (cf. 89.1). Thus po to line $=\pi \tau o ́ \lambda \iota \nu$, patiri $=\pi a \tau \rho$ í, $_{\text {, }}$
 ples of other groups are rare. ${ }^{2}$

[^21]Words are separated by a special sign, but this is commonly, though not uniformly, omitted after the article, and sometimes in other groups of words. In such groups a final consonant is often treated as medial, hence ta po to li $n e=\tau \grave{\alpha}(\nu) \pi \tau o ́ \lambda \iota v$, etc.
19. Idalium. Probably V cent. B.c. SGDI.60. Hoffmann I.135. Solmsen 3. The first five lines only are given in the more exact syllabic transcription. In this | denotes the word separator, not the line division, which is indicated by numerals.

1 ote|ta po to lineetalione|ka te vo rokonematoi|ka se ke tie ve se | $i$ toi $\mid$ piloku porone vete $i$ toonasako 2 rau | pasile use| sa ta si ku po ro se | ka se a po to li se |e talie ve se | a no ko ne onasilone |to nona siku po 3 ronetonijaterane|kase|tose| kasike ne to se | ijasata $i \mid$ to se | a to ro pose | to se | itai|ma kai|iki. 4 mamenose|aneu|misi to ne|kasapai|euvereta satu | pasileuse|kase|apotolise|onasi 5 loi|kase|toi se | kasikene to ise | a ti tomisitone | kaati|taukerone| to venai|exe to $i \mid$ etc.



 $\mu a ́ \chi a \iota ~ i \kappa \mid \mu a \mu e ́ v o s ~ a ̈ \nu \in v ~ \mu \iota \sigma \theta o ̂ ̀ \nu . ~ \kappa a ́ s ~ \pi a \iota ~ \epsilon u ̉ f \rho e ̄ \tau a ́ \sigma a \tau v ~ ß a \sigma \iota \lambda \epsilon \grave{S ~} 4$







19. Agreement of the king and city of Idalium with the physician Onasilus and his brothers for the care of the wounded during the siege of the city by the Persians and the inhabitants of the Phoenician city of Citium.

This siege is to be placed somewhere
between the withdrawal of the Athenian expedition of 449 в.c. and the union of Idalium and Citium under the Phoenician king Melekyathon, about 391 в.с.
 But a fov here is not identical with


 $\tau o i ̂ s ~ \pi a \iota \sigma i ̀ ~ \tau o ̀ \nu ~ a ̆ \rho \gamma v \rho o \nu ~ \tau o ́(\nu) \delta \epsilon, ~ a ́ \rho \gamma v ́ \rho \bar{o} \tau \dot{a}(\lambda a \nu \tau o \nu) a^{\prime} \tau \dot{a}^{\prime}(\lambda a \nu \tau o \nu)$.
 $\beta a \sigma \iota \lambda \epsilon \dot{\mid} \mid \leqslant \kappa a ̀ s ~ a ̀ ~ \pi \tau o ́ \lambda \iota s ~ \delta o f e ́ v a l ~ a ̉(\nu) \tau i ~ \tau a ̂ ~ u ̉ \chi e ́ f ~ \rho o ̄ \nu ~ \tau o ̂ ̀ ~ \mu \iota \sigma \theta o ̂ ̀ \nu ~ a ́ \rho \gamma v ́ \rho o ̄ ~$











 $\tau \grave{a}(\nu) \delta a ́ \lambda \tau o \nu \tau a ́(\nu) \delta \epsilon, \tau a ̀ ~ f e ́ \pi \iota j a ~ \tau a ́ \delta \epsilon ~ i \nu a \lambda a \lambda \iota \sigma \mu e ́ v a, ~ \mid ~ \beta a \sigma \iota \lambda \epsilon u ̀ s ~ \kappa a ̀ s ~$ 28 à $\pi \tau o ́ \lambda \iota s ~ \kappa a \tau e ́ \theta \iota j a \nu ~ i(\nu) ~ \tau a ̀(\nu) ~ \theta i o ̀ \nu ~ \tau a ̀ \nu ~ ' A \theta a ́ v a \nu ~ \tau a ̀ \nu ~ \pi \epsilon \rho ' ~ ' ~ E \mid \delta a ́ \lambda \iota o \nu ~$





кâтos (cf. 11. 20, 21) and is probably plantation or orchard.-10. mavóviov: with all salable products ( $\mathbf{\omega}$ vos), adj. agreeing with $\tau \delta(\nu) \chi \bar{\partial} \rho o \nu$, the intervening rd $\tau \epsilon \rho \chi \nu i j a$ being disregarded, as not coördinate. So in $1.22 \pi a \nu \overline{\partial v i o s}$ is acc. pl. agreeing with $\tau \delta(\nu) \chi$ रि $\rho o \nu$ and $\tau \partial(\nu) \kappa a ̂ \pi o v ~(11.18,20) . — u f a l s ~ 乌 ̧ a v: ~ \epsilon l s ~$ del סid $\beta$ lov(?). if fals forever, 133.6. 丂av is possibly connected with $\zeta \dot{\eta} \omega$ and $\zeta \omega \omega$, live, on the basis of a third by-form
s $\bar{a}-$, but this is very uncertain. 29. Whoever violates these agreements, may impiety rest upon him, that is he shall be held guilty of an impious act. For the force of $8 \pi \iota$, the formation of which is wholly obscure, see 181. But it may also be taken as a conjunction ( $\delta \phi 1$ ?).
20. Monument to Stheneias, son of Nicias and grandson of Gaucus. See $168 d$, and 38.

## Lesbian

20. Cebrene. V cent. b.c. SGDI.307. HoffmannII.132. Roberts p. 324. Solmsen 4.

21. Mytilene. First half of IV cent. IG.XII.ii.1. SGDI.213. Hicks 94. Hoffmann II. 32. Michel 8. Solmsen 5.











22. Monetary agreement between Mytilene and Phocaea. Coins of electrum, a compound of gold and silver, were issued by Mytilene and Phocaea, down to about 350 в.c., and it is to these that the inscription refers, though the term used of them is $\chi$ póvov.
'Any one debasing the coinage is responsible to both cities. If at Mytilene, the magistrates of Mytilene are to constitute the majority of the judges. Similarly at Phocaea. The trial falls within six months of theexpiration of the year. If one is convicted of intentional adulteration, he is to be punished with death. But if he is acquitted of intentional wrong-doing, the court shall decide the penalty or fine. The city is not liable.

The Mytilenians are to issue the coins first (the cities alternating each year). The agreement goes into effect under the prytanis succeeding Colonus at Mytilene and Aristarchus at Phocaea.'

4-5. т[дv हो к<pvavтa]: к\&рva $\mu$, if correctly supplied here and in 11. 7-8, has the same meaning which is more forcibly expressed by кє́ $\nu$ vav $\dot{\delta} \dot{\sigma} \rho \epsilon \sigma \tau \epsilon \rho \circ \nu$ in ll. 13-14. Another restoration is
 11. 7-8. The arrangements for trial immediately following show that the meaning required here is debase, not make the alloy, i.e. simply coin, as of ten taken. Moreover the electrum coinage of this time and place was based upon a natural, not an artificial, alloy.

 $\pi \epsilon \delta a ̀{ }^{\text {' }} \mathrm{A} \rho i \sigma[\tau] \mid a \rho \chi{ }^{\boldsymbol{\nu}}$.
22. Mytilene. Soon after 324 b.c. IG.XII.ii.6. SGDI.214. Ditt.Orient.2. Hicks 164. Hoffmann II.83. Inscr.Jurid.II,pp. 344 ff. Michel 356. Solm$\operatorname{sen} 6$.

 $\delta e ́ ~ \kappa e ́ ~ \tau \iota s ~ \mid ~ \tau \omega ̂ \nu ~ \kappa a \tau e \lambda \eta \lambda \nu \theta o ́ \nu] \tau \omega \nu ~ \mu \eta े ~ e ̀ \mu \mu e ́ v \eta ~ e ̀ \nu ~ \tau a i ̂ s ~ \delta \iota a \lambda v \sigma \ell[\epsilon \sigma] \sigma \iota ~$











22. Measures taken for the settlement of disputes arising between the exiles who returned under Alexander's edict of 324 в.c. and the remaining citizens of Mytilene.

Most of the restorations adopted are those preferred by Dittenberger l.c. But in many cases others are equally possible.

1 ff . 'The $\beta a \sigma l \lambda \eta \in s$ shall favor the returned exile on the ground that the one who remained in residence has been guilty of fraud. But if any one of the returned exiles does not abide by these terms of settlement, he shall not receive any property from the city, nor shall he enter into possession of
any of the property which those who remained in the city have surrendered to him, but rather those who surrendered it shall enter into possession of it, and the generals shall return the property to the one who remained in residence, on the ground that the returned exile has not conformed to the agreement. And the $\beta a \sigma$ ( $\lambda_{\eta \epsilon s}$ shall favor the one who remained in residence on the ground that the returned exile has been guilty of fraud. Nor, if any one brings suit, shall the clerks of the court and inspectors of justice, or any other magistrate, introduce it.' 13 ff. 'The officials are to intervene if all things prescribed in the decree are not carried





 т $\hat{\omega} \beta a \sigma i ́ \lambda \eta o s ~ \kappa a i ̀ ~ \epsilon ̇ \nu ~ \tau a ̂] \iota ~ \delta \iota a \lambda v ́ \sigma \iota ~ \tau a ̂ ̀ ~ \epsilon ̇ \nu ~ \tau o u ́ \tau \omega \iota ~ \tau \omega ̂ \iota ~ \psi a \mid[\phi \iota \sigma \mu a \tau \iota . ~$









 $\chi \rho \eta \mu a ́ \tau \omega \nu \mid[\pi \epsilon \delta \grave{a} \tau o ̀ ~ \pi a \rho a \delta e ́ \delta \epsilon \chi] \theta a \iota ~ \tau a i s ~ \delta \iota a \lambda v ́ \sigma \iota s ~ \omega ’ s ~ \pi \lambda \epsilon i \sigma \tau a ~ \kappa a l ~$
 $\tau \omega \nu$ ö $\sigma \sigma a \kappa \epsilon$ ỏ $\mu o[[\lambda o \gamma e ́ \omega \iota \sigma \iota ~ \pi \rho o ̀ s ~ a ̀ \lambda \lambda a ́ \lambda o] \iota \varsigma, ~ o i ́ ~ a ̉ \gamma \rho e ́ \theta \epsilon \nu \tau \epsilon s ~ a ̆ ้ \nu \delta \rho \epsilon s ~$




out, and condemn any one who disregards them, so that there may be no disagreement between the two parties and they may live amicably and abide by the decision of the king and the settlement reached in this decree.' - 21 ff . 'Twenty men are to be chosen as mediators, ten from each party. They are to see to it that no disagreement arises, and in the case of disputed property they are to bring it about that the parties shall be recon-
ciled, or, if not, that they shall be as just as possible, and abide by the terms of settlement which the king decided upon and the agreement, and dwell in harmony.' - 30-31 ff. 'Regarding questions of money, after the terms of settlement have been accepted as far as possible, and regarding the oath and other matters, the men selected shall report to the people, who shall take such measures as seem advantageous. If the people approve the mattersagreed



 $\sigma \theta a \iota ~ \tau a ̀ \nu ~ \delta \iota a ́ \lambda v \sigma \iota \nu ~ \tau o i ̂ s ~ \kappa a \tau \epsilon \lambda[~[\theta o ́ v \tau \epsilon \sigma \sigma \iota ~ \kappa a i ̀ ~ \tau o i ̂ s ~ \pi \rho o ́ \sigma \theta \epsilon] ~ \epsilon ̇ \nu ~ \tau a ̂ ̀ ~ \pi o ̀ \lambda \iota ~$








23. Nesos. Between 319 and 317 в.c. IG.XII.ii.645. SGDI.304. Ditt.Orient.4. Hicks ${ }^{1}$ 138. Hoffmann II.129. Michel 363. Solmsen 7. Only the text of side $\mathbf{A}$ is given here, the more fragmentary $\mathbf{B}$ being omitted.









 upon, they may decree the same privileges for the exiles returning in the prytany of Smithinas as for the others.' $-38-39 \mathrm{ff}$. 'When the decree has been confirmed, the people are to pray that the settlement may be for the general welfare. The priests and priestessesare to throw open the temples. The sacrifices which were promised when the messengers were sent to the king are to
be made annually on the anniversary of the king's birthday in the presence of the twenty men and the messengers.'
23. Decree in honor of Thersippus for using his influence with the Macedonians in behalf of the city. For the historical references see Hicks and Dittenberger, l.c. There are some kown forms, as $\mu e \tau d$ for $\pi e \delta \alpha$, d $\nu d \gamma \mu a \psi a l$ beside $\boldsymbol{\delta}^{2} \kappa a \rho v \sigma \sigma \in \tau \omega$.







 $\pi \rho a ́ \sigma \sigma \epsilon \iota \mu \epsilon \tau^{\prime}$ єủvolas $\pi \rho o ̀ s \mid[\tau \grave{\nu} \nu \delta] a ̂ \mu o \nu \pi a ́ \nu \tau a \cdot \delta e ́ \delta o \sigma \theta a \iota ~ a v ̃ \tau \omega$








 e้ $[\theta] \nu \sigma \epsilon \kappa a i \quad \pi a \nu[a ́ \gamma v \rho] \iota \nu \quad \sigma v \nu a ́ \mid \gamma a \gamma \epsilon \quad \delta a \mu о \tau e ́[\lambda] \eta \nu \kappa a i ̀ \nu v ̂ \nu \tau i ́ \mu a \iota$






47. ik $\Theta_{\text {¢p }}$ мas $\lambda\left(\theta_{0}\right)$ : of marble from Therma, a place in Lesbos near Mytilene. - $\mu$ रxpl Hopvotias: site of the temple of Apollo Parnopius, the epithet being derived from $\pi d \rho v o \psi$, Lesb. Boeot. $\pi \delta \rho \nu 0 \psi$ (5). - 48 ff .: 'Thersippus may also have the decree set up elsewhere in any sanctuary that he chooses and add to it a statement of any of his other benefactions.'
24. Decree in honor of L. Vaccius

Labeo. This is a characteristic example of the artificial revival of the dialect in Roman imperial times (cf. 280). With the genuine dialect forms are

 etc.; hyper-Aeolic forms as $\varepsilon \phi \alpha \beta \omega \nu$, $\pi \lambda d \theta$ eos (words with original $\eta$, not $\bar{a}$ ); and examples of latespelling as $\tau \epsilon / \mu a t s$,
 (36), корaүlà, ü $\pi$ d $\rho к о \iota \sigma a \nu$ with $\kappa=\chi$
24. Cyme. Between 2 в.c. and 19 a.d. SGDI.311. Hoffmann II.173.













 20 тоîs ả $\gamma a ́ \theta o \iota \sigma \iota ~ т \hat{\omega} \nu$ ằ $\nu \delta \rho \omega \nu \pi \rho \in \pi о i|\mid \sigma a \iota s$ à $\sigma \mu \epsilon \nu \iota \zeta o i ́ \sigma a \chi a ́ \rho a ~ \sigma v \nu \epsilon \pi \epsilon ́-$






(66a). dркє $\boldsymbol{\eta} \nu$ (infin.), $\sigma v \nu \tau \epsilon \lambda \epsilon \eta$ beside the normal $\mu$-forms $\kappa \dot{d} \lambda \eta \nu_{,} \sigma \tau \epsilon \phi d \nu \omega \nu$, etc. (155.3) are probably artificial. $\nu a v ́ \omega$ (l. 5), if correct, is a contamina-
 (l. 36-37) is an aor. infin. pass., like $\delta \nu \tau \epsilon \theta \eta \nu$, with $\epsilon$ carried over from the indicative (perhaps only by the engraver). With regard to psilosis, we
 The forms of the relative, being borrowed from the кow (126), are transcribed with e throughout (cf. also ${ }^{\prime}{ }^{\prime} \phi^{\prime}$ ot $\sigma \iota \nu$ etc.); and one might also prefer lep $\bar{\epsilon} \omega$ and $\varepsilon$ eavtov (instead of धautov
with' and Lesbian accent). But it is impossible to determine whether in such cases the кouvy form was adopted as a whole or only in part (cf. 280), and moreover by this time little, if anything, was left of the sound of the spiritus asper even in the кotus. So the transcription chosen is of small consequence.

15 ff . He deprecated the excessive honor, suitable only to gods and demigods, of dedicating a temple and naming him founder, thinking it to be enough to have observed the judgment and good will of the people, but the honors suitable
 $\kappa a i \mid a ̀ \pi v \delta o ́ \chi a, \kappa a i ̀ \kappa a ́ \lambda \eta \nu$ єís $\pi \rho о \epsilon \delta \rho i ́ a \nu, \kappa a i ̀ \sigma \tau \epsilon \phi a ́ \nu \omega \nu$ év $\pi a ́ \nu \nu$


























to good men he accepted with gratification. - 47. Alpı入la : name of the tribe in the nom. sg., as in Latin inscrip-

[^22]
## Thessalian

## Pelasgiotis

25. Larissa. V cent. в.c. IG.IX.ii. 662-663. SGDI. 343-344. Hoffmann II. 42. Roberts 240.
a. Подvگॄєvaía è $\mu \mu$ l.
b. Feкє́ $\delta a \mu о \varsigma$.
26. Site of unknown identity, southeast of Larissa. V cent. B.c. IG.IX. ii. 1027 .
a. ${ }^{*} А \pi \lambda \bar{o} \nu \iota \Lambda \epsilon \sigma \chi a[\iota] \bar{o}[\iota]$.
b. 'Aрıбтiṑ ỏvéӨēкє коí $\sigma v \nu \delta a v \chi \nu a \phi o ́ \rho o \iota . ~$
c. Про́vos éprá̧̆aтo.
27. Phalanna. V cent. b.c. IG.IX.ii.1226. Hoffmann 5.


28. Larissa. About 214 b.c. IG.IX.ii.517. SGDI.345. Ditt.Syll.238239 (only the letters of Philip). Hoffmann II.16. Michel 41. Solmsen 9.
 2 'Етıүч́vєоs 'Ia
 é $\pi \iota \sigma \tau o \lambda a ̀ \nu ~ a ̀ ~[[\pi] v \sigma \tau e ́ \lambda \lambda a \nu \tau o s ~ \pi o ̀ \tau ~ \tau o ̀ s ~ \tau a \gamma o ̀ s ~ \kappa a i ̀ ~ \tau a ̀ \nu ~ \pi o ̀ \lambda \iota \nu ~ \tau a ̀ \nu ~$ íтоуєүра $\mu \mu$ évà ${ }^{\text {. }}$



29. Modugevala: sc. $\sigma \tau \alpha \lambda \lambda a$. See 168 c. - Feкє́apos: see 46, 52 b.
30. Aristion and his fellow $\delta a \phi \nu \eta \phi b-$ poc set up to Apollo of the $\Lambda \in \sigma \chi \eta$. A late inscription of Phalanna (IG.IX.ii.

 $\rho о \mu \nu а \mu о \nu \epsilon|\mid \sigma a s ~ к a l ~ d \rho \chi \iota \delta a v \chi \nu a \phi o \rho \epsilon l \sigma a s .-$

 curs in Plutarch, and $\Lambda \in \sigma \chi a \nu b p o s$ is the name of a month in Thessalian and Cretan.
31. Decrees of Larissa made in accordance with recommendations of the Macedonian king Philip V, whose letters, dated 219 and 214 b.c. and written in the kovin, are included. The






 ' $\Upsilon \pi \epsilon \rho \beta \epsilon \rho \epsilon \tau а$ ió $\kappa a^{\prime}$."

 тоv̂̀ тayô̂ $\pi a ́ v \mid \tau o v \nu \cdot \Phi \iota \lambda i ́ \pi \pi o \iota ~ \tau o \imath ̂ ~ \beta a \sigma \iota \lambda \epsilon i ̂ o s ~ \gamma \rho a ́ \mu \mu a \tau a ~ \pi e ́ \mu \psi а \nu-~$
 тоऽ каі|'A






 $\tau \hat{a} \pi o ́ \lambda \iota \kappa a i \mid \tau a ̀ \nu \chi o u ́ \rho a \nu \mu a ̂ \lambda \lambda o \nu$ є́ $\xi \in \rho \gamma a \sigma \theta \epsilon i \sigma \epsilon \sigma \theta \epsilon \iota \nu \cdot \epsilon \in \psi a ́ \phi \iota \sigma \tau \epsilon \iota \tau \hat{a}$







Thessaliansat this time were nominally independent, but actually subject to Macedonia. Cf. Polyb.4.76.2.
10. $\sigma u v \kappa \lambda$ eitos: $\sigma v v \kappa \lambda e l s(167.9)$ is
 specially summoned assembly. -16 . cúто仑 : є́autov̂. So also єu̇roî, єu่т $\hat{s}$ in two other inscriptions of Larissa. - 19. \a-

бaloss: $\Lambda a p ı \sigma a l o s s . ~ C f . ~ H e s y c h . ~ \Lambda \alpha ́ \sigma a \nu . ~$ $\tau \grave{\eta} \nu \Lambda \alpha \rho \iota \sigma a \nu$. But in other inscriptions only $\Lambda \dot{\alpha} \rho \iota \sigma a 0$ (later) $\Lambda \dot{\alpha} \rho \iota \sigma \sigma a$.-19f. $\phi v$ $\lambda$ âs $\kappa \tau \lambda$. : choosing each the tribe to which he wishes to belong. molas gen. sg. with $\notin \mu \mu \epsilon \nu$ understood, $\phi u \lambda a ̂ s$ gen. sg. by attraction to rolas. Cf. Att. e $\lambda \in \sigma \theta a l$ סè aürous фu入ìv kal $\delta \hat{\eta} \mu \mathrm{D}$ кal $\phi \rho a \tau \rho l a \nu$, iेs






























 3 pl. plpf. of dorox ${ }^{\epsilon} \omega$, miss the mark, fail. Both word and ending are post-

now attested from some half dozen кoivh sources. It is probably due to the analogy of adverbs like $\pi \rho \hat{\omega} \tau o \nu, \lambda o \iota \pi \delta \nu$, etc. 40. $\pi$ èp lepov̂v: apparently equivalent,















 49－78］．
 бкоs $\Delta a \mu \mu a ́ \tau \rho \epsilon \iota o s, ~[\kappa \tau \lambda .79-92]$.

29．Larissa．II cent．b．c．IG．IX．ii．553．Hoffmann II．18．





in the language of adulation，to $\pi \dot{\pi} \rho$ ßaбı入ıкผิv．－41．४ббovv кr入．：whom－ ever of those that have been enrolled any persons accuse．édavypevectv in mean－

 and the decrees，both the one just previ－ ously passed and the present one．ப்ттןo $\tau \hat{a} s$, sc．$d \mu \epsilon \in \rho a s$. Cf．Boeot．$\pi \rho o \tau \eta \nu l$ ，

 scription of Larissa（IG．IX．ii．512．30）．

29．The whole inscription of 44 lines contains a list of manumissions，all in the same phraseology．

20．фа́pevos árel入eveepooroctv：perf． infin．$=\alpha \pi \eta \lambda \epsilon v \theta \epsilon \rho \omega \hat{\sigma} \theta a l$ ，with фdцеvos， declared free．

30．Larissa．Late II or early I cent．b．c．IG．IX．ii．536．


 $\sigma i \pi \pi \epsilon \epsilon \circ \varsigma, \|[\kappa \tau \lambda .10-19]$ ．

31．Crannon．II cent．b．c．IG．IX．ii．461．SGDI．361 B．Hoffmann II．54． Michel 302.


















32．Phalanna．III cent．IG．IX．ii．1233．SGDI．1330．Hoffmann II． 11 ． Michel 1126.

 тוóסovpos ヨєעo入áoı，｜Eủßiotos＇Eтıróvol，Eтivicos Maváavíalos．

30．Refers to the Thessalian bull－ fight，the tavpoka0d $\psi \stackrel{\text { a }}{ }$ ，or tavpoonpla as it is called in another inscription of Larissa，Ditt．Syll．671．

31．Decree in honor of Leon of Ma－ tropolis．－24．áкpovv кт入．：in the con－ secrated places of the heights（？）．But in akpovv one suspects some error of the engraver．

## Thessaliotis

33. Thetonium, not far from Cierium. V cent. в.c. IG. XII.ii. 257. Solmsen 10.
-es huдōре́ovtós Фıдovíкō huîos. |





34. Decree of the Thetonians in honor of Sotaerus the Corinthian, who had recovered the gold and silver abjects that had been lost from the temple of Apollo. For the special dialectic peculiarities, see 214.
 94.7. - 6. кīv тayâ кêv draylat: in war and peace. The phrase is plainly the equivalent of the usual кal $\pi \rho \lambda \epsilon \mu \mathrm{ov}$ кal elptivns (or $\hat{\varepsilon} \nu \pi 0 \lambda \epsilon \mu \omega t \kappa \pi \lambda$.), and is explained by the fact that in early times, as also later in the time of Jason of Pherae, the $\tau a \gamma$ bs was the military head of the united Thessalians, appointed only in time of war. Jason of Pherae, in boasting of the military strength of the Thessalians on a war footing, express this last by $\delta$ tav rayeúpral $\theta e r-$

 6.1.8,9,12). So $\tau a \gamma d$ (one would expect rayla) and drayla (cf. dкоб $\mu$ la time when no кbonos was in office) were times of war and peace respectively. But the use of the phrase does not necessarily show that the institution under which it originated was in vogue at the time of this inscription; and, in any case, the tarbs of 1.8 is the municipal official, like the rarol of no. 28.

1,10 . It is obvious that the text as it stands is incomplete both at the beginning and the end, although the bronze tablet on which it is inscribed is intact. A horizontal line was cut in the bronze to indicate that 1.1 did not belong with the following. Either this is one of a connected series of tablets, in which case 1.1 forms the conclusion of a decree, given on a preceding tablet, while the present decree was concluded on the following tablet; or, as seems on the whole more likely, 1.1 is the conclusion of the present decree, and was added at the top when it was found that no space was left at the bottom. In this case we read 'Optovao

 huîos, when Orestes, son of Pherecrates son of Philonicus, was $\dot{\lambda} \lambda \omega \rho b$ s. The use of the gen. instead of the patronymicadjective would be only another instance (see 214) of divergence from the usual Thessalian. The addition of the grandfather's name is unusual, but not unprecedented (cf. e.g. no. 20), likewise the use of ulbs instead of the gen. alone (cf.e.g.SGDI.1188, Arc.;Ditt.Syll.478, Stratus; $\pi$ aîs often so used in Lesbian and Cyprian). ì $\lambda \omega \rho$ s occurs in Arist.
34. Pharsalus. III cent. в.c. IG.IX.ii.234. SGDI.326. Hoffmann II.65.





 aíov, ムúкov $\Delta \rho o u \pi a \kappa є i ́ o v, ~ ' O \iota o \lambda u ́ к o v ~ М \nu а \sigma \iota \pi \pi \epsilon i o v, ~ \Lambda u ́ к о v \mid \Phi є \rho є-~$


## Boeotian

35. Temple of Apollo Ptous, near Acraephia. VI cent. b.c. Bréal, M.S.L.VII, 448. Holleaux, ibid.VIII, 180. Buck, Class. Phil. IV, 76 ff ., 437.



Pol.6.8.6 as the title of an official similar to the dypovbuos, but nowhere else thanin thisinscription as an eponymous officer.
34. Pharsalus grants citizenship to those who have assisted it, and gives land to each youth.

1 ff. тofs кal ovis кr入.: 'to those who have already from the beginning been politically associated (non-technical use of $\sigma v \mu \pi \lambda^{2} \lambda \tau e v o \mu$ erots, not those who have already enjoyed citizenship), and to those who have zealously assisted in war, just as to those who have been citizens of Pharsalus from the begin-ning.'- кal oüs : even as it is, already.
 serving just as at present, SGDI.1832.11 нerd $\tau \hat{\omega} \nu$ кal ${ }^{\text {wis }} \sigma u \nu \eta \rho \eta \mu \in \nu \omega \nu$ with those already chosen. - 3. \& $\mu$ Makouviavs: 'in the district known as the Poppy ( $\mu \eta^{\prime} \kappa \omega \nu$ ) Fields.'
35. An epigram of four hexameter versesinscribed $\beta$ ouv $\tau \rho 0 \phi \eta \delta \delta$ on asmall tile, broken at the bottom.

Vs. 1. वүал $\mu \mathrm{a}$ : not statue, but used in its earlier and more general sense of ornament, pleasing gift, about $=$ d $\nu \mathrm{d} \theta \eta \mu \mathrm{a}$. Cf. CIG.I,p.7, SGDI.5507. -
 8גцое, no. 38 (52b).

Vs. 2. It is possible that the second letter is not $\sigma$ but $\rho$, in which case we should read some such name as Neor]oploas (Wilamowitz). In either case various restorations of the first syllable are of course equally possible. The form is in agreement with 'E $\chi$ '́ $\sigma \tau \rho o \tau o s$, and is either an epic patronymic or a designation of the gens or phratry to which 'Ex'́orporos (a Boeotian; note $-\sigma \tau \rho o \tau o s, 5)$ belonged.


36. Vase probably from Tanagra, VI cent. b.c. 'E $\boldsymbol{\prime} .{ }^{\prime} \mathbf{A} \rho \chi .1900,107$.

37. Vase from Thebes. VI cent. b.c. 'E $\boldsymbol{\text { b }}$ 'A $\rho \chi$.1900,107.

38-39. Tanagra. VI cent. в.c. IG.VII.593,606. SGDI.876,885.

40. Vase of uncertain origin. Probably V cent. b.c. IG.VII. 3467. SGDI. 1133.
 ös $\chi^{\prime}$ ä $\delta a \nu \pi i \neq$.
41. Thebes. Middle IV cent. B.c. IG.VII. 2418. SGDI.705. Ditt. Syll. 120. Hicks 135. Michel 617.

 тò iapò $\left[\nu \tau \hat{\omega}{ }^{\text {' }} \mathrm{A} \pi o ́ \lambda \lambda \omega \nu o s ~ \tau \hat{\omega} \mid \Pi\right] o v \theta i ́ \omega$. ||

Vs. 8. Here stood the subject of *ленфбар, the names of the donors. The form of which the final ov is preserved may be an adjective in agreement with, or a noun in apposition with, ara $^{2} \mu a$ understood.

Vs. 4. фефúлaxनo: Hom. тефи́лазо, cf. 65.- $\mathbf{8}$ (8ou : a rare imperative form which occurs in Pindar, and in another Boeotian and a Corinthian inscription, and is formed, like drec, $\pi / \epsilon c$, by the addition of a particle (cf. oúrool etc.). For the whole verse ending, compare h.Hom. 15 and 20, and Callim.1.96.
36. Cf. Paus.9.20.3 $\boldsymbol{\epsilon} \sigma \tau \iota \nu$. . . $\boldsymbol{\epsilon} \boldsymbol{\nu}$ Ta-
 $\chi \theta \hat{\eta} v a \iota ~ \lambda e ́ r o v a \iota$. But here the epithet Kapúcecos is applied to Apollo. $\Delta \bar{e} \mu$ $\theta \in(\rho) \rho e \bar{s}$ is the same as $\Delta a \mu 0 \theta \in \rho \sigma \eta s$ found
elsewhere, and, if the $E$ is correctly read, the dedicator was an Athenian or Euboean.

38-39. Examples of the early spelling oe and $a \epsilon, 26,30$. For fheka- see $52 b$. For $\begin{aligned} & \\ & \pi \\ & \ell\end{aligned}$ with dat. see 136.6.
40. Moyia: masc. in - $\bar{a} .105 .1$ a.
 $\tau a i ̂ \mathrm{E} \dot{v}$-, daughter of Eúrpŋтıфduтos. The first part of the name is identical with that of the Boeotian town which ap-
 tiठêes in a later Boeotian inscription. See 61.3. - ồs: ẅs. 58 a.
41. List of contributions for the sacred war (355-346 в.c.). Byzantium was at this time allied with the Boeotians (cf. Dem.9.34). Note the retention of the older spelling $e$ beside e ,






 $\chi \epsilon \iota[\lambda]$ ías $\delta[\rho a \chi \mu a ́ s]$.

 $\delta \rho o v, \Delta i ́ \omega \nu \Pi_{0} \lambda \nu \lambda[a ́ o \nu]$. \|




42. Temple of Apollo Ptous, near Acraephia. Between 312 and 304 b.c. IG.VII.2723. SGDI.570. Michel 1105. Solmsen 13.





 єîos, $\mu а \nu \tau \epsilon v o \mu e ́ v \omega ~ ' O \nu v \mu a ́ \sigma \tau \omega ~ N ı \kappa o \lambda a i ́ \omega ~ \Theta \epsilon \iota \sigma \pi t \epsilon i ̂ o s . ~$
as $\pi \rho \iota \sigma \gamma \hat{\bar{\epsilon}} e s$ beside $\pi \rho \iota \sigma \gamma \in i ̂ e s$, Attic at in 'A $\lambda u \zeta a i \omega \nu$ beside ' $A \lambda u \zeta$ そ̂ou, and Attic gen. sg. in -ou beside - $\omega$.
 article, unknown in the later Boeotian inscriptions. See 126.
42. Dedication of a tripod to Apollo Ptous by the Boeotian league. This is one of a series of four belonging to the same period (IG.VII.2723-2724b).

बфебрьaтєuóvтшv : those who serve as
*גфебрьataı or official representatives at
the dedication. From ${ }^{1} \delta \rho \iota d \omega$ used like Att. $1 \delta \rho \dot{v} \omega$. Cf. Att. $\alpha^{\phi} \phi \delta \rho \nu \mu a$ used of a shrinemade after the model of another, as that of Asclepius modeled after the one at Epidaurus (cf. Roberts II.66.13). Observe that in the case of the representative of Plataea the gen. sg . of the father's name is used, not the patron. adj. as in the case of the others. The same holds true in the other three dedications, and it is probable that this is not accidental, but that the Plataeans,
43. Orchomenos. Between 222 and 200 b.c. IG.VII.3172. SGDI. 488. Inscr.Jurid.I, pp. 276 ff ., 509 f. Solmsen 15. The sections of the text are given in the order in which they were inscribed (cf. 11.30 ff .), but the numbering of the original publication is added in parentheses.


 ре́тas кàт тò $\psi a ́ \mid \phi \iota \sigma \mu a \tau \omega ̂ ~ \delta a ́ \mu \omega . ~$



 $\pi \epsilon \tau \rho a ́ \mu \epsilon \iota \nu 0 \nu$ à $\pi \grave{o}[\tau] \hat{a} \nu \dot{v} \pi \epsilon \rho\left|\mid a \mu \epsilon \rho \iota a ́ \omega \nu \tau a ̂ \nu \dot{i} \omega \sigma a^{\prime} \omega \nu \kappa a ̀ \tau \tau a ̂ \varsigma \pi o ́ \lambda \iota o s,{ }_{(116)}^{15}\right.$
so long associated politically with the Athenians, adopted the Attic usage at an early date.
43. The Nicareta inscription. Nicareta, daughter of Theon, of Thespiae, had lent various sums of money to the city of Orchomenus, for which she held against it certain notes, generally referred to as oúrepaueplal (once, l. 55 f ., as $\tau d s \quad \lambda \mu \pi \rho d \xi(s)$. These are recorded in IV. When Nicareta appeared at Orchomenus to collect these ( 11.44 ff .), the city was unable to meet them, and an agreement was entered into according to which the city was to pay her the sum of 18,883 drachmas within a certain time and the polemarchs were to give her a personal contract for the payment. The text of the agreement ( $\delta \mu 0 \lambda 0 \gamma d$ ) is given in VII, and of the contract (бoúrүpaфos), written in the кoırt, in VI. The sum of 18,833 drachmas is more than the total of the notes recorded in IV ( $17,585 \mathrm{dr}$., 2 obols), but probably less than they amounted to with the normal penalties for delayed

(1. 135, cf. l. 16), which they persuaded her to accept, implies some concession on her part. Finally the city passed a vote (III) to pay the amount and take up the notes and the contract. When this had been accomplished it passed a further vote (II) ordering all the documents to be inscribed in a specified order. This was done as stated in I, which serves as a heading to the whole inscription.
 had a probouleuma to present to the people, Whereasthe people had voted that the treasurer in charge for the third period of four months should pay $t$, Nicareta, in settlement of the notes which she held against the city, the sum which the city persuaded her (to accept), 18,833 drachmas, and that the polemarchs should take up the contract they gave for the money against themselves, they and the treasurer and the ten whom Nicareta selected, and cancel the notes against the city (maturing) in the archonship of Xenocritus, and since the polemarchs had arranged these matters and the










 ${ }_{(136)}^{35} \mu a \tau \epsilon i 0 s ~ \tau \hat{\omega} \delta[\iota] \mid a \gamma \rho a ́ \psi a \nu \tau o s ~ a u ̉ \tau a ̀ s ~(V) ~ \kappa \eta े ~ \tau a ̀ \nu ~ \sigma u ́ \gamma \gamma \rho a \phi o \nu ~ \tau d ̀ \nu \| \tau \epsilon-$



 $\tau \hat{\nu} \boldsymbol{\pi} \boldsymbol{\pi} \iota \tau \iota \kappa \omega \hat{\nu}$.







treasurer had paid the money according to the agreement deposited with Theophestus, be it voted by the people, etc.
 lorautvov. On vov-from veo-, see $42.5 a$. - 46 ff . The polemarchs and the treasurer were obliged, with the assent of the people, to give a contract against themselves in addition to the existing oúrepa$\mu e \rho l a$, until the levy for this purpose should be made and the amount agreed
upon provided. This is the only satisfactory interpretation of the most troublesome passage in the inscription, though one difficulty remains, the use of the singular oitrepauepin where we should expect the plural. -49. $\mathrm{d}[\mathrm{v} \mathrm{\tau}] \mathrm{dv}$ : until, originating in $\langle v \tau d \nu d \mu\langle p a \nu$. Cf. 136.1 and note on 28.43. - iv oป่тo : for this purpose. Cf. $\pi$ bpov èv oùro ll. 59, 60.
 certain by Baunack, Philol.XLVIII,
 $\chi \rho \epsilon i ́ \mu a \tau a, \mid \delta \epsilon \delta o ́ \chi \theta \eta$ т̂́ $\delta \alpha^{\prime} \mu \nu \cdot \tau \grave{\nu} \nu \tau a \mu i ́ a \nu ~ \tau \grave{\nu} \nu[\pi] \rho \circ a ́ \rho \chi о \nu \tau a \mid[\tau \grave{\nu} \nu]$






 $\mu a ́ \tau \omega \nu \pi \alpha^{\prime} \nu \tau[\omega \nu]$. |











 боv $\Delta a ́ \lambda \lambda a \gamma \mu a$.





418, and agrees with uncontracted forms found elsewhere, as kovpwelect (151.2). - 50. корітт[єเтך], not коиlт$\tau[\eta]$, also after Baunack l.c.

61 ff . The first date, archonship of Xenocritus, month of Alalcomenius, applies to all the following notes (cf. 11. $23,56,136,151$ ) and is probably the time at which they fell due, while the
date given at the end of each is the time of the loan ( $\tau \delta \sigma o v \nu \dot{1} \lambda \lambda \alpha \gamma \mu a)$. Cf. Thalheim, Berl. Phil.Woch. 1893, 267. The expression throughout is condensed.



78 ff . The text of the contract is in the кoivh, though dialect forms are retained in some of the proper names.

 Nıкоклєî 'A $\theta a|\nu о \delta \omega ́ \rho o v ~ ' O \rho \chi о \mu \epsilon \nu i ́ o \iota s ~ a ̀ ~ \rho \gamma v| p i ́ o v ~ \delta \rho a \chi \mu a ̀ s ~ \mu \nu \rho i ́ a s ~$







${ }_{(43)}^{120} \lambda \iota o s$ Eúdícov, Ka入入éas $\Lambda v|\sigma \iota \phi a ́ \nu \tau o v, ~ \Theta \epsilon o ́ \phi \epsilon \sigma \tau o s ~ \Theta \epsilon o \delta a ́| \mid \rho o v, ~ E u ̉-~$
 Т८цоклєіоя.













The names of the first two sureties are given by mistake in the nominative,
but with the third the error is rectified. $-112-114$. $\mathbf{\text { druphpq}}$ : presents its















 Өєıбтเєîa．






 $\kappa ⿱ ㇒ 木 火 七 \imath \eta ~ \tau \rho \iota a ́ \mid \kappa о \nu \tau а ~ т \rho i ̂ s . ~$

154 ff ．If the city fails to pay Nica－ reta in the time specified，it will have to pay the amount stated in the con－ tract and the sum of the notes besides， that is substantially double the amount loaned．But if Nicareta refuses to ac－ cept the amount named in the con－ tract，as she might do in order to secure the exorbitant penalty for de－ lay，she forfeits both contract and notes and pays a heavy penalty．

169－170．Sıаүрафд Nıкарі́тך ктл．．： memorandum of payment to Nicareta （adnom．dat．172）through the bank of Pistocles．ס́aypaфá cancellation（cf． סıaरpáda $\sigma \theta \eta$ l．22），and so payment．So 11． 172 ff ．，at the bank of Pistocles there was paid over to Nicareta by Polycritus the treasurer in behalf of the city the sum agreed upon of the notes（part．gen．；

44. Lebadea. III cent. B.c. IG.VII.3083. SGDI.425. Inscr.Jurid.II, p.238. Michel 1392.








 25

45. Lebadea. II cent. b.c. IG.VII.3080. SGDI.430.
 тєî Baбı入єî кฑे тєî Tpeфшעíєi ia






46. Chaeronea. II cent. b.c. IG.VII.3303. SGDI.385. Michel 1394.



44-48. Manumission decrees, of which there are over one hundred examples from Chaeronea alone, all of about the same period. Even from the same year some are in dialect, some in the count, and some in a mixture of both. In those given here kourt influence shows itself in dra日tiv no. 46, in the $\zeta$ of $\zeta \omega \omega \omega v \iota$, $\zeta \omega \hat{v \theta \iota}$ nos. 46, 47 (cf.

$\nu_{\delta \mu} \boldsymbol{\nu}^{2}$ no. 47 (cf. кdт $\tau \delta \nu \nu \delta \mu о \nu$ no. 46), тарамеірабау nos. 46, 47 (cf. тармеімаәта no. 44), in $\pi \rho \rho \theta$ lкоута no. 45 (cf.




Note $e$ for usual $v$ from $o$ in nos. 45, 47 (see 30). For $\theta 0 \sigma$ ins no. 44, see 24. For $\sigma \tau=\sigma \theta$ and $\delta \alpha \mu \omega \omega=\nu \tau e s$, in no. 48, see 22.2.

 $\nu o ́ \mu o \nu \cdot \kappa \grave{~} \kappa a \tau e ́ \beta a \lambda \epsilon \tau \hat{v} \tau a \mu i \not \eta \mid[\hat{\jmath}] \pi i ̀ \tau \omega ̂ \nu ~ i a \rho \omega ̂ \nu ~ \tau o ̀ ~ \gamma \iota \nu \iota o v ́ \mu \epsilon \nu o \nu ~$ ठ $\rho a \chi \mu a ̀ s ~ f i ́ \kappa а т \iota ~ \pi а \rho а \chi \rho \epsilon[\imath ̂] \mu a . ~$
47. Chaeronea. II cent. b.c. IG.VII.3352. SGDI. 395.




48. Orchomenus. II cent. b.c. IG.VII.3200. SGDI.497. Inscr.Jurid. II.p.237. Michel 1393.





 $\mu \iota \omega$ оутєя.

## Phocian

## Delphian

49. Delphi. Early V cent. b.c. SGDI. 1683 (with II, p.722). Roberts 229.

Toì $\pi \epsilon \nu \tau \epsilon \kappa a i ́ \delta \epsilon \kappa[a] \mid$ тồ $\Lambda a \beta v a \delta a ̂ \nu, ~ \tau o i ̀[\pi \epsilon ̀ \rho] \mid \Theta[\rho] a \sigma u ́ \mu a \chi o \nu$
 тореs $[\kappa a i] \mid$ hē $\mu \iota \mu \nu a i ̂ o \nu[\kappa a] \mid i ~ \delta \rho a \chi \mu a ̀ s ~ \pi \epsilon \nu[\tau e ́]] \mid \kappa \epsilon \nu \tau a ~ \kappa a i ~ ₹ e ́ g . ~ . ~$

As in similar decrees from other parts of Greece, the act of manumission takes the form of a dedication or sale (d $\mathbf{\pi} \ell 80 \pi 0$ at Delphi, e.g. no. 63) to the divinity of the local shrine, thus securing religious sanction and protection of the rights of the slave who has purchased his freedom. Often the manumission does nót go into immedi-
ate effect, but is subject to various conditions, such as remaining in service during the lifetime of the master (nos. 46,47 ) or for a term of years (no. 44), payment of an annuity, etc. Cf. no. 53.
49. Statement of the disbursement of funds by the officials of the phratry of the Labyadae, whose proceedings form the subject of no. 51 .

50．Delphi．V cent．b．c．B．C．H．XXIII．611．Ziehen，Leges Sacrae73．




51．Delphi．About 400 в．c．SGDI．2561．Ditt．Syll． 438 （with II，pp． 819 f．）．Inscr．Jurid．II，pp． 180 ff．Michel 995．Solmsen 36．Ziehen，Leges Sacrae 74 （c and $D$ ）．Ionic alphabet，but with $F$ ，and $B=h$（in contrast to $H=\eta$ ）；lengthened o usually $O Y$ ，but sometimes $O$ ．

## A




 10 оv้тє $\mu a \chi a \nu[\hat{\alpha} \mid l] \tau \hat{\omega} \nu \tau \hat{\omega} \lambda \Lambda a \beta v a \delta \hat{a} \nu \chi \rho \eta \mu[\hat{a}] \mid \tau \omega \nu$ • кai $\tau$ òs тaүò̀［s




50．The inscription is on a wall con－ nected with the stadium，and Eudro－ mus，though otherwise unknown，was probably a sort of guardian hero of athletes．Hence the interdiction of wine．Note фapev（12），is $\tau 6$ where we expect év $\boldsymbol{\tau} b$（135．4），and кepal（кepalē－ $\tau \mathrm{a})=\kappa \in \rho d \nu \nu v \mu$ ，as in Homer．$-\mu \varepsilon \tau a \theta v-$ $\sigma$ drō：begin the sacrifice again．

51．Regulations of the phratry of the Labyadae．The Labyadae have al－ ready appeared in no． 49.

A 3．Toùv vónovs： $\boldsymbol{\tau o v}$ s $\nu$ b $\mu$ ous．So ròv $\nu$ buovs B 16 ，but usually s unassim－ ilated．97．1．－4．àre入入alov：victims for the＇Ател入a．．Cf．ll．44－46 where
 trast to $\phi \hat{\epsilon} \rho \in \nu$ with $\delta a \rho \alpha \tau a s$. ＇Arendal is the name of the Delphian festival corresponding to the Attic＇Atarov́pa， at which children were introduced
into the phratries and offerings for the occasion were made by the parents．－ 5．Saparâv：cakes．Ath．3．110d，114b cites a dóparov meaning unleavened bread and says the word was used by the Thessalians．The dapdital at the Delphian festival were of two kinds （cf．1．25），the $\gamma d \mu e \lambda a$ or cakes offered in behalf of the newly married wives that were introduced into the phratry by their husbands，and the $\pi a \iota \delta \bar{\eta} \iota a$ of－ fered for the children that were intro－ duced into the phratry by their parents．
 lect and disburse．$\alpha \pi \mathbf{\alpha} \delta \epsilon i \kappa \nu v \mu$ ，like Att． बтофаlvш，render account for，disburse．
 §âv：т $\hat{\nu} \boldsymbol{\Lambda a \beta}$－，elsewhere unassimilated， as 1．3．96．3．－11．I will impose the oath upon the rayol for the next year． Cf．B． 27 ．


 ai $\mu \grave{\eta}$ тâs $\pi a \tau \rho \iota a ̂ s ~ e ̀ m|a \iota \nu \epsilon o v ́ \sigma a s ~ \kappa a i ̀ ~ \pi \lambda \eta \theta v o ̂ ́ \sigma a| s ~ a ̀ s ~ \kappa a ~ \eta ̉ \iota . ~ a i ~ \delta e ́ ~$














## B








23 ff . The rayol are to receive neither, in the case of the cakes (lit. of the cakes), the $\gamma \mathrm{d} \mu \mathrm{e} \mathrm{\lambda a}$ or the $\pi a, \delta \bar{\eta}(a$, nor the dтènaia, unless the gens to which one belongs approves in full session. The approval of the gens ( $\pi$ arpld, as in Elis; $\pi \dot{d} \tau \rho a$ in most Doric dialects) was a prerequisite to the introduction into the phratry, which was the larger body including several gentes.-30. b: without $h$, as also A 38, C19, but ho (demonst.) B 53, hode C 19. Cf. ás A28
beside hô B55, hbot ts A46, B30, C19. See $58 a$.- 38 ff . 'Any one who wishes to accuse the rarol of having received the offering at other than the stated times shall bring the charge when their successors are in office.' - 45. duvl pt reos: during the year, in the same year. See 136.8.2).-56. Or let him sign a note (for the twenty drachmas) and pay interest.

B 11-12. àvбє̧́áucvor: undertaking, promising. They swear by the gods of












 ${ }_{\text {bs }}$ ả $\nu \tau \iota[\phi] \hat{a} \iota$, тoì taroì év $\tau \hat{a} \iota \|$










the city, phratry, and gens. - 50. $\theta$ aphtuv : probably established rites, institutions, though this meaning of $\theta \epsilon \mu a$ is not quotable. Cf. $\tau \epsilon \theta \mu b_{s}=\theta e \tau \mu \delta s, l a w$, ordinance, C 19.

C 1 ff. Oath of the person appointed to act as judge. The missing conclusion of B must have been the provision for such an appointment. - 6 ff. If the one chosen fails to serve as judge, he shall
pay five drachmas, and (the ravol) shall bring the case to issue by appointing another in his place. Whoever convicts one guilty of an unlawful action shall receive half the fine (cf. no. 18.24-28,50). -19 ff . Law concerning funeral rites. Like the law of Iulis in Ceos (no. 8), this is directed against extravagance. -20 ff . One shall not expend more than thirty-five drachmas, either by purchase



 $\phi \mid \epsilon \rho e ́ \tau \omega ~ \sigma \iota \gamma a ̂ \iota$ ，кク้̉ тaîs $\sigma \tau \rho|0 \phi a i ̂ s ~ \mu \eta ̀ ~ \kappa a \tau \tau \iota \theta e ́ v \tau \omega \nu ~ \mu \eta| \mid[\delta] a \mu \epsilon \hat{\imath}, 35$






 $\nu \omega \nu$

> D



or（in articles taken）from the home．－ 23－24．The shroud shall be thick and of a light gray color．For $\phi$ a $\omega$ tbs $=$＊$\phi$ aı $\omega$－ Tbs，see 81，and，as used of mourning apparel，cf．фaıd luátca Polyb．30．4．5， and paid e $\sigma \theta$ ths Ditt．Syll．879．5．－ 25 ff． If one trangresses（ $\pi a \rho \beta d \lambda \lambda \omega=\pi a \rho a-$乃a（ע山）any of these things，he shall pay fffty drachmas，unless he denies under oath at the tomb that he has spent more．
 － 31 ff．Tòv $\delta t \begin{aligned} & \text { vekpòv } \kappa \tau \lambda \text { ．：cf．no．8．10－}\end{aligned}$ 11．$-33 \mathrm{ff} . \kappa \mathfrak{v} v$ tais orpoфais $\kappa \tau \lambda$ ．： they shall not set the corpse down any－ where at the turns in the road（but carry it straight on to the tomb without inter－ ruption），nor shall they make lamenta－ tiows outside the house until they arrive at the tomb，but there there shall be a ceremony for the dead（？cf．tevaris $\omega$ ）un－ til the lid（？）is closed（cf．$\pi \rho o \sigma \tau l \theta \eta \mu \mathrm{c}$ ds Obpas，etc．）．Butthe last part，from $\tau \eta \nu \in \hat{i}$
on，is variously read and interpreted． -39 ff ．＇There shall be no mourning for the former dead，but every one shall go home，except the near relatives．＇－ 45．кท่ $\gamma \gamma \delta \nu \omega v$ ：or $\kappa \eta \sigma \gamma b \nu \omega \nu$ ？The read－ ing is uncertain．See 100．－46 ff． There shall be no wailing or lamentation on the following day，nor on the tenth day，nor on the anniversary．－inavtois： See Glossary，and cf．זd èvávola in the same sense at Ceos．

D 1 ff ．Enumeration of the regular feasts．These are given in the order of their occurrence，as appears from the correspondence between many of them and the names of the months（＇Ame入－
 identification of these festivals，see Ditt． 1．c．，notes．－5－7．＇Those which occur on the seventh and the ninth of the



 $\kappa|a \pi \epsilon \nu \tau a \mu a \rho \iota \tau \epsilon v ́ \omega \nu \tau v ́ \chi \eta| \iota \cdot a i ́ ~ \delta e ́ ~ \tau \iota ~ \tau о v ́ \tau \omega \nu ~ \pi a \rho \beta a ́ \lambda \mid \lambda о \iota \tau o ~ \tau \omega ิ \nu ~ \gamma \epsilon-~$













12 ff . Feasts are also held if one sacrifices a victim for himself, if one assists (in the sacrifices for the purification of ) a woman recently delivered of child, if there are strangers with him sacrificing victims, and if one is serving as тєעтamapitas. тevtapapitas is the name of some official appointed to serve five days ( $\dot{\alpha} \mu d \rho a$, see 12), but nothing more is known about this office. -22. rol теутека(㹸к: cf. no. 49.-26-27. If, when they hold an assembly, any official is absent. a $\rho \chi \omega \boldsymbol{\nu}$ nom. sg. part. one holding office. - 29 ff . These things are written at Phanoteus on the inner side of the rock. The ancient city of Phanoteus(Panopeus) was perhapsthe original seat of the phratry of the Labyadae. 30. Фavarti: cf. Фd́votos 11.30-31. Both Фavareús and Фavoreús occur in other inscriptions. See 46. - 31 ff . Td́é $\Phi$ duvo-
 ancient rock inscription, stating what
theeponymousherogave to his daughter Buzyga. This mythical heroine is mentioned elsewhere (Schol.Ap.Rhod.1. 185) as a daughter of Lycus, whose name is to be recognized in Kukelict 1. 37 (shrine of Lycus?).-38. Tdv dyalav $\mu \delta \sigma \times 0 v:$ apparently the admirable or wonderful calf.(a sort of wondercalf ?), but the allusion is of course obscure. - 38 ff. $\pi$ d́vt $\omega v$ к $\kappa \lambda$. : 'in the case of all undertakings, both private and public, for which one offers sacrifice or consults the oracle in advance, the one doing so shall furnish to the Labyadae the victims mentioned (i.e. in the rock inscription just quoted).' $\pi d \nu \tau \omega \nu$ depends upon $\pi \rho o \theta$ vóota and $\pi \rho o-$ $\mu a \nu \tau \epsilon v \delta \mu \varepsilon \nu \circ \nu$, sacrificing etc. in advance of.-47. тd̀v d́xpótva (or td hakpb$\theta \iota \nu a$, the reading being uncertain): sc. ravovs $\pi$ ape $\chi \in \nu$, the tarol shall furnish
 invite the Labyadae to drink together. -
 ${ }_{a}^{\pi} \pi \mid a ́ \gamma \epsilon \sigma \theta a \iota$.
52. Delphi. Between 240 and 200 b.c. SGDI.2653. Michel 274.





 'Eтıरap/ $\delta a$.
53. Delphi. 186 в.c. SGDI. 2034.











$49 \mathrm{ff} . \operatorname{tds} \delta^{\prime} \mathrm{a} \lambda \lambda$ as $\kappa \tau \lambda .:$ the other feasts one shall carry out in accordance with the season.
52. Proxeny decree in honor of the poet Nicander of Colophon, whose writings included a prose work on Aetolia. At this time the Aetolians were dominant in Delphi, and this shows itself in the language of the inscriptions. See 279. Note in 1.5 the combination of Delph. $\pi \alpha \nu \tau \epsilon(\sigma) \sigma \iota$ with Aetol. drávos.
53. A typical Delphian manumission decree, of which there are more than 1600. See note to nos. 44-48. They show all varieties of mixture of Delphian, Northwest Greek kovor, and Attic elements, e.g. in this inscription,
 always at this time, the older al, lapbs are replaced by $\epsilon l$, lepbs, and tol by ol, though rol is frequently retained in the formal rol lepels beginning the list of witnesses.



 $\pi v ́ \rho a s \mid \hat{\eta} \Sigma \omega \sigma i \not \chi a s ~ e ̀ \pi \epsilon i ́ ~ к a ~ \tau \epsilon \lambda \epsilon v \tau a ́ \sigma \eta \iota ~ N \epsilon o т a ́ t \rho a, ~ \beta e ́ ß a ı o \nu ~ \pi a \rho \epsilon-~$









## Exclusive of Delphi

54．Stiris．About 180 b．c．IG．IX．i．32．SGDI．1539．Ditt．Syll．426． Michel 24．Solmsen 37.

A









17．ḑ̧eт $\omega \theta(\omega v \tau\llcorner\kappa \tau \lambda$ ．：are convicted of having done any wrong to Neopatra or
 in another of the manumission decrees．
 （cf．77．2）and connection with dva乡nT $\epsilon \omega$ is most attractive，though $\xi_{\eta \tau \epsilon} \epsilon \omega$ has original $\bar{a}$ ，of which the weak grade would be a not e．Others compare Hesych．ajetov．aniotov，$\Sigma$ ıкe入ol，the origin of which is obscure．

54．Agreementestablishing a $\sigma \cup \mu \pi 0-$ $\lambda_{\text {}}$ ctela or joint－citizenship between the Stirians and Medeonians．

10．Bौevi日epa：free，open to all（of both． towns）．－ 11 ff ．тov̀s $\kappa \tau \lambda$ ．：all the Mede－ onians shall be Stirians with equal rights， andshall join with the city of the Stirians in the assembly and in appointing magis－ trates，and those who have arrived at proper age shall try all cases which come before the state．—18．Lordvem：Boeotian


















 $\mu e ́ v o \iota s, \dot{a} \pi о \tau \epsilon \mid \sigma a ́ \nu \tau \omega \nu$ тoîs $\grave{\epsilon} \mu \mu \epsilon \iota \nu a ́[\nu]|\tau o \iota s ~ a ̀ \rho \gamma \nu \rho i ́ o v ~ \tau a ́ \lambda a \nu| \tau a ~ \delta e ́ k a . ~$ B






 $\nu a \nu \mid . a . . \tau \rho \epsilon \epsilon a \nu$.
for $\boldsymbol{\tau \sigma \tau} \dot{d} \nu \tau \omega$. So $\boldsymbol{i} \sigma \tau d \nu \theta \omega \nu 1.42$ and $\theta \epsilon-$ $\lambda \omega \nu \theta$ in another Stirian inscription. Cf. also $\kappa \lambda a \rho \omega \sigma \hat{\imath}$ l. 32 with Boeot. ، for et.
 who have been officials in Medeon shall be exempt from compulsory office hold-
ing in Stiris.'-40-41. lep ${ }^{\text {lecúkatt: see }}$ 138.4.-55. атотоМетеv́бaбтаи : $\sigma \tau=$ $\sigma \theta$ as in $\theta \epsilon \sigma \tau \omega \nu$ B 5. 85.1.

B 13 ff . The phratry of the Medeonians, in distinction from the state, retained its own organization, and was

## Locrian

55. Oeanthea (Galaxidi). First half V cent. b.c. IG.IX.i.334. SGDI. 1478. Hicks 25. Inscr.Jurid.I,pp. 180 ff. Michel 285. Roberts 231 and pp. 346 ff. Solmsen 34.


to receive a subsidy of money and land from the Stirians.
56. Law governing the relations between the Eastern Locrian colonists at Naupactus and the mother country. This does not refer to the founding of Naupactus, which was much earlier. Colonists are called aтоноо from the point of view of the mother country, but $\boldsymbol{\xi} \pi$ ouko as here ( $\boldsymbol{\epsilon} \pi l_{\text {forpol }}$ ) from the point of view of their new home. The Eastern Locrians are referred to ethnically as Hypocnemidians (of which Epicnemidians is an equivalent), politically as Opuntians, since Opus was the seat of government, the two terms standing in the same relation as Boeotian and Theban.

It is probable that one copy was set up at Opus, with another at Naupactus, and that the present tablet is still another copy, which with the addition of the last sentence, stating that similar relations are to subsist between colonists from Chaleion and the mother city, was set up at Chaleion, from which place it may easily have found its way to Galaxidi.

In both this and the following inscription a single letter is used for double consonants, not only in the interior of a word, as $\theta a \lambda d(\sigma) \sigma a s$, but often in sentence combination, as $\kappa \dot{d}(\tau)$
 with assimilation of $\boldsymbol{\epsilon \kappa}(\mathbf{1 0 0})$; similarly

 $\pi d \kappa \pi \bar{c}$ with original ${ }^{\epsilon} \nu$ are always written out. Cf. also (in no. 56) $\tau \iota(s) \sigma v \lambda o ̂ c$,
 which the reading howö(s) $\xi \in \boldsymbol{v}_{0}{ }^{2}$ (no. 55.2), which is generally though not universally adopted, is not a violent correction. No other Greek inscription has so many examples of $\rho$ as no. 55 , where it is uniformly employed before o or $\rho 0$. In no. 56 it is no longer used. In no. 55 lengthened $\epsilon$ is expressed by $E l$, lengthened o by $O$ in the genitive singular, OV in the accusative plural. But in no. 50 always $E$ and $O$. See $25 d$. No. 55 , beginning in 1. 11, is divided into paragraphs by the letters A-

No. 55 exhibits many instances of repetition (see l. 3, note), and some of omission of what is essential to clear-
 and in general the style of both inscriptions is crude and obscure.

1. The colony to Naupactus on the following terms. - hamıfotkla: ha extfoikla. 94.5. $-\kappa$ к ( $\boldsymbol{\tau}$ ) тôvEe: see 136.5.
 Hypocnemidian Locrian, when he becomes a Naupactian, being a Naupactian, may as a $\xi \in v o s$ share in the social and religious privileges (i.e. in the mother country) when he happens to be present, if he wishes. If he wishes,















he may share in these privileges, both those of the people and those of the members of the societies, himself and his descendants forever. The colonists of the H. Locrians are not to pay taxes among the H. Locrians, until one becomes a $H$. Locrian again. In $\sigma_{\sigma}{ }^{2} \lambda^{2} \nu \chi$ d $\nu \epsilon \iota \nu$ кal Otect there is probably the same contrast as in lepd кal $\delta \sigma c a$ or Cretan $\theta \epsilon \epsilon \nu a$ kal $\dot{\alpha} \nu \rho \omega \dot{\sigma} \pi \iota \nu a$, though it is possible that both terms refer to religious privileges. - 3. al ка $\delta \in$ liētal: for the repetition


 $\nu$ ขิ. 94.6, 100. - 7 ff. If a colonist wishes to return, he may do so without taxes of admission (to citizenship), provided he leaves behind in his house an adult son or brother. If the H. Locrians are driven from Naupactus by force, they may return without admission taxes to the town from which they each came. They are to pay no taxes except
in common with the Western Locrians, i. e. they are not to be subject to any special taxes as colonists. - al $\delta_{6}\left(\lambda_{i T}\right.$ : for subj. without $\kappa \alpha$ (also in l. 26), see 174.-9. hómō fikaotos ìv: a 3 sg. inv is otherwise known only in Attic-Ionic, other dialects retaining the original iss. See 163.3. Hence this is the 3 pl . jy agreeing with the logical subject they (cf. the preceding). Cf. Hom.
 I,p.286. - 11 ff. Oath for the colonists to Naupactus, not to forsake the alliance with the Opuntians willingly by any device. If they wish they may impose the oath thirty years after this oath, one hundred Naupactians upon the Opuntians and the Opuntians upon the Nau-pactians.-11. amovitov: for $d \pi^{\prime} \mathrm{O}$ rovtiö. Probably here only a graphic omission, similar to haplology (88a). -14 ff . Whoever of the colonists departs from Naupactus with unpaid taxes shall lose his rights as a Locrian until he pays















 Z -| Toùs èmıfoípovs è̀ $\mathrm{Naú} \mathrm{\pi a} \mathrm{\kappa то} \mathrm{\nu} \mathrm{tà} \mathrm{\nu} \mathrm{\delta í} \mathrm{\kappa a} \mathrm{\nu} \mathrm{\pi} \mathrm{\rho ó} \mathrm{\delta ıpo} \mathrm{\nu} \mathrm{ha} \mathrm{\rho é} \mathrm{\sigma} \mathrm{\tau a} \mathrm{\iota}$
the Naupactians his lawful dues.16 ff. If there is no family in the home, or heir to the property among the colonists in Naupactus, the next of kin among the H. Locrians shall inherit, from whatever place among the Locrians he comes, and, if a man or boy, he shall go himself within three months. Othervise the laws of Naupactus shall be followed. - 19 ff . If one returns from Naupactus to the H. Locrians, he must have it announced in Naupactus in the market-place, and among the H.Locrians in the city whencehe comes. -22 ff. Whenever any of the Ieppotaplai and the Mu$\sigma a \chi$ eis (probably the names of two noble or priestly families, the first obviously containing коөapbs $=$ каAapbs) becomes $a$ Naupactian himself, his property in Naupactus shall also be subject to the laws in Naupactus, but his property among the $H$. Locrians to the $H$. laws,
as the law may be in the sevetal cities of the $H$. Locrians. If any of them, under the laws of the colonists, return, they shall be subject to their own laws, each according to the city of his origin. -29 ff . If there are brothers of the one who goes as a colonist to Naupactus, then, according to what the law of the H. Locrians severally (i.e. in each city) is, if (one of them) dies, the colonist shall inherit his share of the property, shall inherit what belongs to him. Note the double construction with кpareîy according as the sense is partitive or not. But many take TO as gen. sg. rồ in relative sense, though this use is not otherwise attested in Locrian, and
 lating which it is proper for him to inherit. - 32 f . The colonists may bring suit before the judges with right of precedence, they may bring suit and submit











to suits against themselves in Opus on the same day. This provision is intended to secure for the colonists the greatest expedition in their litigation at Opus. haptotal (i.e. eो $\epsilon \sigma \theta a l$ ) кal $\delta \delta \mu \epsilon \nu$
 $\lambda a \beta e i ̂ \nu$ is usually to bring suit, as here, though sometimes the opposite, while $\delta i \kappa \eta \nu \delta o u ̂ v a l ~ i s ~ u s u a l l y ~ t o ~ s u b m i t ~ t o ~ s u i t ~$ (e. g. Thuc.1.28), as here, though sometimes used of a magistrate, to grant trial, as below, l. 41 f. - 34 f. Whoever are in office for the year shall appoint from among the $H$. Locrians a тportarins, one of the Locrians for the colonist, one of the colonists for the Lo-
 properly only to the appointment of the $\pi \rho \sigma \sigma \tau a \tau \eta s$ for the colonist, this being the important provision in continuation of the preceding paragraph. Making the provision, mutual was an afterthought.-кanıares without correction is to be read кa ' $\pi$ tarts, with hyphaeresis where we expect elision, from $\kappa \alpha$ and $\epsilon \pi \epsilon a \tau \epsilon$ 's, an adv. cpd. of $f$ fios for which we should expect $\ell \pi t-$ feres or etrierts (intervocalic $f$ is not always written, cf. 'O $\quad \pi \quad \epsilon \nu \tau \iota$, $\delta a \mu \circ v \rho$ -
roús). Some correct to ' $\pi($ ( $f \epsilon) \tau \ell$ s, but a by-form with ( $f$ ) a $\tau$ is possible. $E ₹$ after $\boldsymbol{\varepsilon} \nu \tau \boldsymbol{\sim}$ the ending of the preceding holtives, 'riates). The omission of $\bar{\ell} \bar{\nu} \boldsymbol{\prime}$ c may be the engraver's error, or simply ellipsis, such as is not infrequent in a clause of this kind (Kuhner-Gerth I, p. 41, n. $2 c$ c). -36 f. A colonist to Naupactus who has left behind a father and his portion of the property with the father, shall inherit his share when (the father) dies. 38 ff . Whoever violates these statutes by any device in any point which is not agreed to by both parties, the majority of the Thousand in Opus and the majority of the colonists in Naupactus, shall be deprived of civil rights and shall have his property confiscated. For the spelling Naf̃akтlö̀ see 32.-41 ff. To the one who brings suit the magistrate shall grant trial within thirty days, if thirty days of his magistracy remain. If he does not grant trial to the one bringing suit he shall be deprived of civil rights and have his property confiscated, his real estate together with his servants. The customary oath shall be taken. The voting shall be by ballot. For $\mu$ épos real
 45 тофаүєîбтal, т̀̀ $\mu e ́ \rho o s ~ \mu \epsilon \tau a ̀ ~ f o|\mid к \kappa \iota a \tau a ̂ \nu . ~ \delta \iota о \mu o ́ \sigma a \iota ~ h o ́ p p o \nu ~ т o ̀ \nu ~ \nu o ́ \mu \iota o \nu . ~$


2. Oeanthea. Second half V cent. b.c. IG.IX.iii.333. SGDI.1479. Hicks 44. Michel 3. Roberts 232 and pp. 354 ff. Solmsen 35.





 év Oiav


estate, cf. the similar use of $\kappa \lambda \hat{\eta} \rho o s$. 46 f. And this compact for the H. Locrians shall hold good in the same terms for the colonists from Chaleion under Antiphates. See introductory note.
3. The tablet consists of two documents inscribed by different hands, as appears from the forms of the letters, which also show, together with the absence of 9 , that both are later than no. 55. The first, ending with $\chi \rho^{\rho}$ écoō 1. 8 , is a treaty between Oeanthea and Chaleion of the kind known as $\sigma \dot{\mu} \mu \beta$ o$\lambda_{o v}$ or $\sigma v \mu \beta o \lambda \alpha$ (the latter in 1.15). It is for the protection of foreigners, that is citizens of other Greek states, visiting either city from reprisal at the hands of citizens of the other. Such reprisal or seizure in enforcement of claims was freely employed, so far as it was not specifically regulated by treaty. For graphic peculiarities see no. 55, introductory note.

1 ff. An Oeanthean shall not carry
off a foreigner from Chaleian territory, nor $a$ Chaleian from Oeanthean territory, nor his property, in case one makes a seizure. But him who makes a seizure himself one may seize with impunity. The property of a foreigner one may carry off from the sea without being subject to reprisal, except from the harbor of each city. If one makes a seizure unlawfully, four drachmas (is the penalty); and if he holds what has been seized for more than ten days, he shall owe half as much again as the amount he seized. If a Chaleian sojourns more than a month in Oeanthea or an Oeanthean in Chaleion, he shall be subject to the local court.

The second document, ll. 8-18, consists of regulations of one of the two cities, presumably Oeanthea, regarding the legal rights of foreigners.

8 ff. The proxenus who is false to his duty one shall fine double (the amount involved in each particular case). If






## Elean

57. Olympia. Before 580 в.c. SGDI.1152. Inschr.v.Olympia 2. Michel 195. Roberts 292 and pp. 364 ff. Solmsen 38 . Danielsson, Eranos III, 80 ff . Keil,Gött.Nachr.1899,154ff. Glotz,Solidarité de la famille en Grèce,pp.248ff.

the $\xi$ evodikal (the judges in cases involving the rights of foreigners) are divided in opinion, the foreigner who is plaintiff ( $\bar{o} \pi d \gamma \bar{\partial} \nu=\dot{\delta} \boldsymbol{\epsilon} \pi \dot{d} \gamma \omega \nu)$ shall choose jurors from the best citizens, but exclusive of his proxenus and private host (who would be prejudiced in his favor), fifteen men in cases involving a mina or more, nine men in cases involving less. If citizen proceeds against citizen under the terms of the treaty, the magistrates shall choose the jurors from the best citizens, after having sworn the quintuple oath (i.e. oath by five gods). The jurors shall take the same oath, and the majority shall decide.
58. This covenant for the Eleans. (An accused man's) gens and family and his property shall be immune. If any one brings a charge against a male citizen of Elis, if he who holds the highest office and the $\beta a \sigma$ cheis do not impose the fines, let each of those who fail to impose them pay a penalty of ten minae dedicated to Olympian Zeus. Let the Hellanodica enforce this, and let the body of demiurgi enforce the other fines (which they had neglected to impose). If he (the Hellanodica) does not enforce this, let him pay double the penalty in his
accounting (or in thebody of the $\mu$ aбтpol?). If any one maltreats one who is accused in a matter involving fines, let him be held to a fine of ten minae, if he does so wittingly. And let the scribe of the gens suffer the same penalty if he wrongs any one. This tablet sacred at Olympia.

The numerous interpretations of this inscription have differed fundamentally. According to that preferred here the object of the decree is to do away with the liability which under primitive conditions, such as survived longer in Elis than elsewhere, had attached to the whole gens and family of an accused person, also to prevent confiscation of his property and personal violence, and to prescribe the manner in which penalties were to be imposed.

1. $\mathbf{a}$ : this, the following, see KuhnerGerth I,p.597. - пãpıáv: like Delph. $\pi a \tau \rho \iota d$, Dor. $\pi d \tau \rho a=\gamma^{\ell} \nu o s$, while $\gamma \in v e d$ is the immediate family. - $\theta a \dot{\rho \rho} \overline{\text { piv }}$ : be of good cheer, without fear, hence, as a technical term in Elean, be secure, immune, just as the Attic adeca is in origin freedom from fear ( $\delta$ éos). It is used of persons and things. Cf. $\theta$ [dopos] aú-
 — aúcô: refers to fdepenop Fa入elo of the








2. Olympia. VI cent. b.c. SGDI.1149. Inschr.v.Olympia 9. Hicks 9. Michel 1. Roberts 291 and pp. 362 ff. Solmsen 39.


 $\mu a ̀ ~ \sigma v \nu e ́ a \nu, ~ \tau a ́ \lambda a \nu t o ́ v ~ \kappa ' \mid ~ a ̀ \rho \gamma u ́ \rho o ̄ ~ a ̀ \pi o \tau l \nu o ı a \nu ~ \tau o i ̂ ~ \Delta l ~ ' O \lambda \nu \nu \pi l o \iota ~ \tau o l ~$

 тô̂ 'עтav̂т' モ́rpa( $\mu$ ) $\mu$ évol.
3. Olympia. VI cent. b.c. SGDI.1156. Inschr.v.Olympia 7. Michel 196. Roberts 296 and pp. 369 ff. Ziehen,Leges Sacrae 61.


following clause, which logically goes -with the preceding as well as the following. -2. катьараи́бек: каөиеребю, but meaning first to utter an imprecation against some one (cf. катєбонаи), and then, since this was, or had been, the manner of introducing a charge, simply кarøropé $\omega$. See also no.60. Like various other expressions in Elean, this reflects the essentially religious character of the legal procedure. -al the $\mu \grave{\kappa} \kappa \tau \lambda .:$ cf. no. $51 \mathrm{C} 13-16$. For $\boldsymbol{\epsilon \pi \epsilon \ell \pi \overline { o ̂ }}$, $\mu a \sigma \tau \rho \alpha a \iota, l \mu \dot{\alpha} \sigma \kappa \omega$, etc., see the Glossary.
4. This covenant between the Eleans and the Heraeans (of Arcadia). There shall be an alliance for one hundred

## years, beginning with the present year.

 If there shall be any need of word or deed, they shall combine with one another both in other matters and in war. If they do not combine, let those who violate (the agreement) pay a talent of silver consecrated to Olympian Zeus. If any one violates these writings, whether private citizen, official, or the state, let him be held in the penalty here written.se. This is the conclusion of an inscription which was begun on another tablet not preserved.

If he (some one previously mentioned) commits fornication (?) in the sacred precinct, one shall make him expiate it by





60. Olympia. Second half IV cent. B.c. Szanto, Oest.Jhrb.I, 197 ff . Danielsson,Eranos III,129 ff. Meister,Ber.Sächs.Ges.1898,218ff. Keil,Gött. Nachr.1899,136ff. Reinach,Rev.Ét.Gr.XVI,187 ff. Solmsen 40.


the sacrifice of an ox and by complete purification, and the $\theta \in a \rho$ 's in the same way. If any one pronounces judgment contrary to the regulation, this judgment shall be void, but the decree of the people - shall befinal in deciding. One may make any change in the regulations which seems desirable in the sight of the god (186.3), withdrawing or adding with the approval of the whole council of the Five Hundred and the people in full assembly. One may make changes three times, adding and withdrawing. - The restoration and interpretation of the last sentence, ( $\delta \iota \nu d) \kappa o \iota k \tau \lambda$., is uncertain.
 used loosely where we should expect an adjective in agreement with $\beta \overline{0} \lambda a \hat{\imath}$ or тevtakatiö.
60. But one 8haill not exile the children (of an exile) either male or female, under any circumstances, nor confiscate the property. If any one exiles them or confiscates the property, he shall be subject to trial before (in the name of) Olympian Zeus on a capital charge, and any one who wishes may bring the charge against him with impunity. And it shall be permitted, even in case they have exiled any, to any one who wishes to return
and be free from punishment so far as concerns matters happening later than the time of the demiurgi under Pyrrhon. Those next of kin shall not sell or send off the property of the exiles, and if one does any of these things contrary to the regulation, he shall pay double the amount sent off and sold. If any one defaces the stele, he shall be punished like one guilty of sacrilege.

Several times during the fourth century b.c. the oligarchy and democracy alternated in power in Elis, with resulting banishment and recall of exiles. It is probable that this decree belongs to the Macedonian period and perhaps refers to the exiles of 336 в.c. who were recalled in 335 b.c. Cf. Arrian 1.

 It is a supplementary decree to another on the same subject, as is shown by $\delta \varepsilon$ in the first sentence after the introductory formula, and the use of $\gamma \in \nu e a l p$ without modifier, which must be understood from the preceding. On the dialect as compared with that of the earlier inscriptions, see 241.

1. yevealp : the singular is often used collectively in the sense of offspring,







 éóvтa $\pi \dot{a} \sigma \chi \eta \nu$ ．

61．Olympia．First half of III cent．b．c．SGDI．1172．Inschr．v．Olympia 39．Michel 197.



descendants，e．g．Epir．aủtûı кal reveâı кal र̇̀vet $\epsilon \kappa$ reveâs（SGDI．1334），Arc． aürol кal үeved（Oest．Jhrb．IV，79），both $=$ usual aút⿳⺈⿵⺆⿻二丨凵丸 кal ékrbvoıs．For the plu－
 aứov̂（SGDI．4689．97）．Some take reve－ alp here as members of the reveal，under－ standing these as noble families，but this is less likely．－4－5．фevyitco $\pi \mathrm{m}_{\mathrm{d}}$ $\tau \epsilon \Delta \omega_{\rho} \kappa \tau \lambda$ ．：see 136.3 and no．57．2， note．－5．$\delta \eta \lambda o \mu t \mathrm{f}$ ：we expect $\delta \eta \lambda \delta \mu \epsilon$－ vop．Probably an error，for which the existence of some such form as $\delta \eta \lambda_{0} \boldsymbol{\nu}_{-}$ $\tau t \rho$（cf．$\epsilon_{\theta} \theta \lambda o \nu \tau \eta \rho$ ）may be responsible． －6．фиyaסcíavtl：aor．subj．151．1．－ $9-10$ ．It is uncertain whether this is a provision in favor of the exiles，pre－ venting their property being disposed of by relatives，or one directed against them，preventing the relatives from selling the property for them or send－ ing it to them．In the former case drosboral may refer to the sale of real estate，and $\bar{\epsilon} \kappa \pi \epsilon \mu \psi$ ac to the sending off
of movable property for sale abroad． $\phi u \gamma d \delta e \sigma \sigma \iota$ is dative of advantage or of disadvantage，according to the inter－ pretation preferred．－12－13．al $8 \in$ TLp

 wis lepbovios in an inscription of Iasus， SGDI．5517．$\alpha \delta \varepsilon \lambda \tau \delta \omega=d \delta \eta \lambda \delta \omega, \dot{d} \phi a \nu(\zeta \omega$ ， is probably from＊סea $\lambda_{0 s}$（cf．$\delta \epsilon a \mu a \iota, \delta \hat{\eta}$－ $\lambda_{o s}$ ），whence－perhaps through the medium of a verb $\delta \epsilon d \lambda \lambda \omega$－＊$\delta \epsilon a \lambda \tau \delta s$ ， ＊$\delta \varepsilon a \lambda \tau 6 \omega$ ．According to another view， from $\delta \in \lambda_{\tau}$ тos tablet（cf．Cypr．$\delta \dot{\lambda} \lambda \tau o s$ ），so that the meaning would be make the stele $\alpha \delta e \lambda \tau o s$, i．e．remove the tablet from the stele．For $\tau \dot{d} \sigma \tau \dot{d} \lambda a \nu$ see 96．2．

61．Proxeny decree in honor of Da－ mocrates of Tenedos，who is mentioned as one of the Olympian victors by Pau－ sanias（6．17．1）．On the dialect as com－ pared with that of the earlier inscrip－ tions，see 241．With únd＇Eлдavodıкâ， 1.2 for usual $\epsilon \pi l$ with gen．，compare Lac．humb with acc．in no．68．66．
＇O $\lambda \nu \mu \pi i ́ \omega \nu$ ảy














 év $\tau$ ò la



 $\dot{a} \gamma \omega ิ \nu a \| \tau \hat{\omega} \nu \Delta \iota \delta \nu \mu \epsilon i ́ \omega \nu$.

## Northwest Greek koเv！́

62．Thermum．About 275 в．c．＇Eф．＇A $\rho \chi$ ． $1905,55 \mathrm{ff}$ ．

## इYN＠HKA KAI इYMMAXIA AIT』AOI乏 KAI AKAPNANOI乏





62．Treaty of alliance between the Aetolians and Acarnanians．This is an example of the mixed dialect current at this time in various parts of North－ west Greece，which we call the North－
west Greek кoıvŋ．See 279．Note e．g． the retention of original $\bar{a}$ ，ка，жотl， infin．in $-\mu \varepsilon \nu, 3$ pl．imv．in $-\nu \tau \omega, \xi$ in aor． （ $\tau \epsilon \rho \mu a \xi \tilde{\alpha} \nu \tau \omega$ ），but Att． $\boldsymbol{e l}$ for $a l$ ，ou beside



















 $\Sigma i ́ \mu o v \mid \Phi \nu \tau a \iota e ́ o s, ~ \tau a \mu \iota \epsilon v o ́ \nu \tau \omega \nu ~ K v \delta \rho i ́ \omega \nu o s ~ \Lambda v \sigma \iota \mu a \chi e ́ o s, ~ \Delta \omega \rho \iota \mu a ́ \chi o v ~$ T $\rho \iota \chi o \nu l o v, ~ ' A \rho i \sigma \tau \mid \omega \nu o s, \Delta a \iota a ̂ \nu o s, ~ ' A \rho \iota \sigma \tau e ́ a ~ ' I \sigma \tau \omega \rho i o v, ~ ' A \gamma \eta ́ \sigma \omega \nu o s ~$ $20 \Delta \epsilon \xi \iota e ́ o s$, Tı $\mu a ́ \nu \delta \rho o v$ 'Epıvaîos, ||'A






 but $\grave{\epsilon \nu}$ 'Aкapvaviav), $i \pi \pi \epsilon \hat{\sigma} \sigma \iota$ beside $i \pi-$ $\pi$ teots.
 first reference to $\epsilon \pi \iota_{\lambda \epsilon \kappa \tau d \rho} \rho \chi a l$ as military officials in the Aetolian league. For the Achaean league, cf. $\begin{aligned} & \pi \\ & \pi \\ & \text { Incrot }\end{aligned}$
used of the citizen levies in contrast to the mercenaries, Polyb.2.65, 5.91,95, and $\begin{aligned} & \pi \tau \\ & \pi \\ & \lambda \epsilon \kappa \pi d \rho \chi \eta s \\ & \text { Plut.Arat.32. - } 24 .\end{aligned}$ a $\mu a \tau a$ : probably connected with $\mu d \tau \eta \nu$, Dor. $\mu d \tau a y$, and so having the same force as the frequent $\alpha \pi \lambda \omega \hat{\omega} \mathrm{kal}$ d 86 $\lambda \omega s$, e.g. no. 112.22.










 $\chi \rho \epsilon i a \nu$ oi $\mu \epsilon \tau a \tau \epsilon \mu \psi a ́ \mu \epsilon \nu о \iota ~ \tau a ̀ \mu ~ \beta o ́ a ́ \theta o l a \nu, ~ \delta \iota \delta o ́ \nu \tau \omega ~ \tau d ̀ s ~ \sigma \iota \tau а \rho \chi i ́ a s ~$



 [39-42 fragmentary].

## Laconian

68. Olympia. VI cent. b.c. SGDI.4405. Inschr.v.Olympia 252. Roberts 261.
69. Delphi. Soon after 479 b.c. SGDI.4406. Ditt.Syll.7. Hicks 19. Michel 1118. Roberts 259. Solmsen 16.
70. This is the inscription mentioned by Paus.5.24.3, who reproduces it, eliminating the dialectic peculiarities, as follows:
 aүa入رa

71. The famous bronze serpentcolumn which once supported the gold
tripod set up at Delphi after the battle of Plataea. The tripod was destroyed by the Phocians in the Sacred War, but the column remained until it was carried by Constantine to Constantinople, where it still remains. According to Thucydides (1.132.3) and others, the Lacedaemonians, after erasing the boastful epigram of Pausanias, inscribed simply the names of the cities



 'А $\mu \pi \rho a \kappa \iota \overline{̄ ̂} \tau a \iota, \mid \Lambda \epsilon \pi \rho \epsilon a ̂ \tau a l$.
72. Found at Tegea. V cent. b.c. SGDI.4598. Inscr.Jurid.II,pp.60ff. Michel 1343. Roberts 257 and pp. 357 ff . Solmsen 26.







which had taken part in the war and had set up the tripod. On the retention of $\sigma$ in $\Phi \lambda \epsilon c d \sigma \omega$, see 69.1. Note also [ $\left.{ }^{6}\right] \pi{ }^{2} \lambda[\epsilon] \mu e o v$, for which the true Laconian form would be $\epsilon_{\pi} \pi \lambda^{\prime} \dot{\mu} \mu \circ \nu$.
73. Statements of two deposits of money made by a certain Xuthias, son of Philachaeus, and the conditions for their future disbursement. The place of deposit was without doubt the temple of Athena Alea in Tegea, the Greek temples often being used for such purposes. But the dialect is not Arcadian, and must therefore represent that of a foreign depositor. The most natural assumption is that Xuthias was from the neighboring Laconia, and we are expressly informed (cf. Athen.6.233) that the Spartansused to deposit money with the Arcadians to evade the law against holding private property. It has been suggested, partly on account of the names (Xuthias, Philachaeus), but mainly because of the retention of
intervocalic $\sigma$ ( $\left.\gamma \nu \hat{e} \tilde{\sigma} \iota o \iota, \frac{1}{\epsilon} \beta d \sigma o ̄ \nu \tau \iota\right)$, that Xuthias was not a Spartan proper, but an Achaean perioecus. But there is no good evidence that the perioeci differed in speech from the Spartans at this time, and the retention of intervocalic $\sigma$ and of antevocalic $\epsilon$ ( $f t \tau \epsilon a$ ) is sufficiently explained by the fact that the document was intended for use outside of Laconia. See $\mathbf{5 9 . 1}$, 275.
A. For Xuthias the son of Philachaeus (are deposited) two hundred minae. If he lives, let him come and take it, but if he dies, it shall belong to his children five years after they reach the age of puberty. If there are no children, it shall belong to those designated by law as heirs. The Tegeans shall decide according to the law.
B. This was inscribed later than A, which was thereupon canceled, as shown by its mutilation. The Tegean engraver is responsible for the use of $\epsilon l$ instead of $a l$, the subj. $\zeta \delta \bar{\epsilon}$ (cf. 149)


 тò $\boldsymbol{\nu} \boldsymbol{\theta \epsilon} \boldsymbol{\theta} \mu \boldsymbol{o}^{\prime} \nu$.
74. Sparta. V cent. b.c. SGDI.4416. Michel 946. Roberts 264. Solmsen 17. Annual British School XIII, 174 ff.








 òктáкıv, aủtòs ảvıoरī̀ | èvhēßôhaıs hímтoıs | éк тầ aưтồ hím-


in contrast to dinodduet of A, the omission of $h$ in $v i o l, \dot{a} \beta \alpha \sigma \bar{o} \nu \tau \iota(c f . ~ 58 d) ;$ and his blunder in writing rjetpaxárcal was perhaps due to the Arcadian pronunciation (cf. 68.3). It is also possible that in $11.10-11$ we should read, without correction, div $^{\prime}(\lambda) \lambda \epsilon \gamma \bar{\partial} \nu \tau o l$, with Arc. - tot $=-$ тai (189.1). But the passive with $\mu \nu a \hat{\imath}$ understood as subject is less natural than the corrected reading usually adopted. For the reading $d \nu-$ $\phi(\lambda) \lambda e \gamma-$, rather than $\alpha \nu \phi(\lambda e \gamma-$, cf. the $\lambda \lambda$ attested in other dialects (89.3).

75. Record of the victories of Damonon and his son. The portion of the stone containing ll. 42-94 was only recently discovered.

8 ff. vukáhas $\kappa \tau \lambda$. : Having won victo-
ries in such a manner as never any one of those now living. -7. With his own four-horse chariot, aưTô reflexive as in 11. 16, 17, etc. -9. In the games of Poseidon, with elliptical genitive as in $\epsilon i \nu$

 húvia: кal 'Eגevolvia (20, 59.1), games in honor of the Eleusinian Demeter.12, 18. Пoholסala: Побєıס́via (49.1, 59.1, 61.5) celebrated at Helos in Laconia and Thuria in Messenia.- 15 ff . Seven times with colts (bred) from his own mares and his own stallion. - iv-
 $\bar{\eta} \beta \eta$, young mares.-19. ©euplat: the usual form of the name is Oovpla. 24. 'Aplovila: the name of some goddess or heroine otherwise unknown. -








 $65 \Delta a \mu o ̂ \nu o ̄ \nu ~ \epsilon ̇ \nu i ́ \kappa \bar{e}|\pi a i ̂ s ~ i o ̀ ̀ \nu ~ П a \rho \pi a \rho o ́ v ı a ~| ~ \sigma \tau a ́ \delta ı o \nu ~ \kappa a i ~ \delta i ́ a u \lambda o \nu, ~ \| ~ \kappa a i ~$

 $\mu ı a ̂ s|\dot{a} \mu e ́ \rho a s ~ h a \mu a ̂ ~ e ̀ v i ́ к e ̄, ~ \kappa a i ̀| ~ h o ~ h v i o ̀ s ~ \sigma \tau a ́ \delta ı o \nu ~ h a \mu a ̂ \mid e ̀ v i ́ \kappa \overline{e ́ . ~ h \nu \pi o ̀ ~}$






 haıs | hímitoıs aữòs ảvıoxiṑ, | [ $\kappa$ ]aì ho hviòs $\sigma \tau a ́ \delta \iota o \nu \kappa[a l$ - -
67. Taenarum. 'IV cent. b.c. SGDI.4591. Michel 1076. Roberts 265 c. Inscr.Jurid.II,p.235. Transitional alphabet. $\mathrm{H}=\boldsymbol{h}$ and once $\boldsymbol{\eta}$.




35 ff. Victories won by 'Evuлaкратl 8 as (cf. 1. 45), evidently Damonon's son (cf. $11.72,79$, etc.). The name (cf.' 0 ро ${ }^{2}$ ккрьтоs) points to an $\quad \ell \nu \mu a=\delta \nu \nu \mu a, \delta \nu о \mu a$, with an inherited e-grade in the first syllable, which is seen in some of the cognate forms of other languages, e.g. Old Prussian emmens, but was hitherto unknown in Greek. Probably the o of
the usual form is due to assimilation to the vowel of the second syllable. 44, 63. Пapтapóvia: Пd́pтapos is the name of a mountain in Argolis where games were held. - 49 ff . Victories won by Damonon as a boy. - 54, 60. Aı日fhıa : games in honor of Apollo Lithesius. - 57. Ma入ed́reta : games in honor of Apollo Maleates. Cf. Paus.3.12.8.
68. Taenarum. IV cent. в.c. ${ }^{\circ}$ SGDI.4592. Michel 1077. Roberts $265 d$. Transitional alphabet. $H=h$ and $\eta$.

 $\kappa$ кú $\eta[s]$.
69. Thalamae. IV cent. B.c. Annual British School X,188. Meister, Ber.Sächs.Ges.1905,277 ff. Ionic alphabet, but $H=h$ as well as $\eta$.




70. Sparta. II cent. A.D. SGDI.4498. Annual British School XII,356.



- 66 ff . Victories won by Damonon and his son at the same games.-66,78, 81, 90 . hum $\delta$ with acc. for usual $\ell \pi!$ with gen., as El. iud with gen. in no. 61.2.

67, 68. Manumissions of slaves in the form of dedications to Poseidon.

 tracted form, of which the uncontracted traxb $\omega$ occurs in another inscription of the same class. etrdkoe is due to the analogy of consonant stems, to which nouns in -oos are not infrequently subject, e.g. Att. रoîs (112.6), late noûs gen. sg. nobs, nom. pl. wes (after ßoûs, $\beta o b s, \beta b e s)$.
69. From the shrine of Pasiphae at Thalamae, an oracle often consulted by the Spartan officials. Cf. Cic.de divin. 1.43.96, Plut.Agis 9 and Cleom.7. The name of the goddess was Пaб८фda (Att. חaन(фd $\eta$ ), whence the contracted $\Pi a-$ $\sigma \iota \phi a$, like ' $\Delta \theta \eta \nu \hat{a}$, and here, with Lac. $h$ for intervocalic $\sigma$, IIahutâ. Since Nico-
sthenidas the dedicator was a member of the Council of Elders, his grandfather of the same name could not have been living at the time. He was carrying out an injunction previously laid upon the grandfather by the goddess, which for some reason had been unfulfilled.

4 ff . троßetrathas кт入.: since the goddess had declared that Nicosthenidas should set up in the shrine a statue in honor of Andreas his fellow-ephor, and that he would then consult the oracle with success. The construction mot ' $1 \boldsymbol{A}$ סplav . . . dva $\alpha d \mu e \nu$ is unusual, but other possible interpretations are equally difficult in this respect. - hov $\kappa \tau \lambda$.: infin. clause depending on $\pi \rho \circ \beta e t \pi$ dhas, who would = and that he would. For $\chi \rho$ 刀ी$\sigma \tau a \iota=\chi \rho \hat{\sigma} \sigma a \iota$ see 85.1.

70-73. These belong to a series, now fifty-odd in number, of dedications to Artemis Orthia by the victors in certain juvenile contests, The object



71．Sparta．II cent．A．d．Annual British School XII，368．
5 K K
 $\sigma e ́ a ~ a ̀ \nu e ́ \sigma \eta \mid \kappa \epsilon . ~$

72．Sparta．II cent．A．d．SGDI．4500．Annual British School XII，355．



73．Sparta．II cent．A．d．Annual British School XII，372．

 үoì｜$\mu \iota \kappa \iota \gamma \iota \delta \delta o \mu e ́ v \omega \nu$ F $\omega \rho \theta$ éa．
dedicated，the prize itself，was an iron sickle，which was let into a socket， with which each of the stone slabs is provided，some with two（as nos．70， 73），or even three．Of the contests，one is called каббпратбрьv，ка $\theta \theta \eta \rho a \tau \delta \rho \iota \nu, \kappa a \theta-$ өnparbpıov，etc．，i．e．кaraөךparbplov，not an actual chase of wild beasts，but some athletic game called the hunt． The $\mu \omega \hat{a}$ ，i．e．$\mu \hat{v} \sigma a$ ，was of course a musical contest．The word which is variously spelled каı入［ $\hat{\eta}] a \nu$ ，келоад，кє－ $\lambda \hat{\eta} a, \kappa \in \lambda o i a \nu, \kappa \in \lambda \epsilon a \nu$ ，probably from the root seen in $\kappa \epsilon \lambda a \delta o s, \kappa \in \lambda a \delta \epsilon \omega$ ，also de－ notes a musical contest．That the con－ tests were between boys is shown by the use of $\pi a \iota \delta i \dot{\delta} \delta \nu$ in many of the dedi－ cations，e．g．veıкג́ap $\tau \delta \pi a \iota \delta ı \kappa \delta \nu \mu \omega ் a$ win－ ning the boys＇contest in music（ $\mu \omega \mathbf{a}$ dat． sg．），and by the appearance of the Bov－ arbo leader of the poval，the bands in which the Spartan boys were trained， or $\beta$ ovard $\rho \mu \kappa \kappa \iota \chi \iota \delta \delta o \mu \epsilon \nu \omega \nu$, leader of boys in their tenth year．According to a gloss
to Herodotus，the Spartan boy in the third year of his training was called $\mu ı \kappa \iota \zeta b \mu e v o s$. This is from Dor．$\mu$ кккбs $=$ $\mu \kappa \kappa b s$ ，while $\mu<\kappa \kappa c \chi<\delta 86 \mu e v o s$ is from a diminutive in－九xos（original or for－九кos？ Cf．$\pi a \iota \delta \iota \chi b \nu$ beside $\pi a \iota \delta \iota \kappa \delta \nu)$ ．

A few of the dedications are in the kotvr，and a few show Doric forms with－ out the specific Laconian coloring，e．g． $\nu i x d \sigma a s$ ．But most of them，like those given here，represent an artificial re－ vival of the local dialect，that is，arti－ ficial as regards its use in inscriptions， but probably reflecting，though only crudely and with great inconsistency in spelling（e．g．in the use of $\sigma=\theta$ ）， the form of speech which still survived as a patois among the Laconian peas－ ants．Some of the peculiarities in spell－ ing are not characteristic of Laconian especially，but of the late period，e．g． $\epsilon_{\iota}=\bar{i}$ in $\boldsymbol{\nu}$ etкdavtep etc．，$\omega$ for 0 in B $\omega \rho$－ $\theta \in a$ ，final $a$ for $\bar{a} c$ in $B \omega \rho \theta \in a$ etc．

## Heraclean

74. The Heraclean Tables. End of IV cent. b.c. IG.XIV.645. SGDI. 4629. Inscr.Jurid.I,p. 194 ff. Solmsen 18. Ionic alphabet, but with f, and $r=h$. Only Table $I$ is given.

I
"Eфopos 'A


 $\Delta \iota o \nu v ́ \sigma \omega \iota$.














74. The lands which were the property of the temples of Dionysus and Athena Polias having been encroached upon by private parties, with a consequent diminution of their revenue, two commissions were appointed to define and mark their boundaries, survey them, and divide them into lots. Table I contains the report of the commission dealing with the lands of Dionysus (ll. 1-94), a statement of the regulations under which the lands were offered for rental (ll. 95-179), and a list
of those who took leases, with their sureties and the amount of the rental (11. 179-187). Table II, which is not given here, contains a report of the commission on the lands of Athena Polias.

1-7. The groups of letters fe, re, etc., and the names of objects which served as emblems tpitious, карuкeîov, etc., are used as symbols to denote the tribe and family of the person named. —11. $\delta \iota a \kappa v \delta v T \omega v: \delta \iota a \gamma \nu b \nu \tau \omega \nu$ II.9. 66. - 18 ff . epp $\quad$ ypelas $\kappa \tau \lambda$.: $201 \sigma \chi$ oìvot of arable land, $646 \frac{1}{2}$ of brushwood, barren,



 $h \epsilon \beta \delta \epsilon \mu \eta{ }_{\eta} \kappa о \nu \tau a$ трìs $\sigma \chi 0 i ̂ \nu o \iota, ~ \sigma \kappa i ́ \rho \omega ~ \delta \grave{\epsilon} \mid \kappa a l ~ a ̀ \rho \rho \eta ́ \kappa \tau \omega ~ \kappa a i ̀ ~ \delta \rho v \mu \hat{\omega}$










 $\delta \rho \nu \mu \hat{\omega} \pi \epsilon \nu \tau а к а ́ т \iota a \iota ~ т \epsilon \tau \rho \omega ́ к о \nu \tau а ~ \mu l a ~ h \eta \mu і ̈ \sigma \chi о \iota \nu о \nu . ~ \mid ~$







 $\pi e ́ v \tau \epsilon \sigma \chi o i ̂ \mid \nu o \iota, ~ e ̀ \nu ~ \delta e ̀ ~ \tau a ̂ \iota ~ \tau \epsilon \tau a ́ \rho \tau a \iota ~ \mu \epsilon \rho \epsilon i ́ a \iota ~ \tau a ̂ \iota ~ \pi a ̀ \rho ~ \tau a ̀ ~ \Phi \iota \nu \tau i a ~ e ́ \rho \rho \eta-~$





 been lost, i.e. by private encroachment. This land the commissioners restored to Dionysus, bringing suits against ṭhose use (ll. 47 ff.).-49. 8iкas тpiakобтаlas : suits which had to be tried within thirty days, C̣f, no. 55.42 and the Attic


 fétos hécaotov.







 $\sigma a s ~ \tau a ̂ s ~ \pi a ̀ \rho ~ \tau o ̀ \nu ~ \delta \rho \nu \mu o ́ v, ~ \tau a ̀ s ~ \mu e ̀ v ~ \sigma \tau a ́ \lambda a s ~ e ́ s ~ \tau a ̀ \nu ~ h ı a \rho a ̀ ̀ ~ \mid ~ \gamma a ̂ ̀, ~ \tau \grave{c s ~}$


 hакробкıрíaıs. тоv́тшs $\pi a ́ \nu \tau a s ~ \dot{a} \nu ~ \epsilon \dot{v} \theta v \omega \rho \epsilon i ́ a \nu ~ h o \mu о \lambda o \mid \gamma \omega s ~ a ̀ ~ a \lambda a ́-~ . ~ . ~$
 "hıapळ̀s $\Delta \iota o \nu v ́ \sigma \omega ~ \chi \omega ́ \rho \omega \nu, " ~ \tau \omega ̀ s ~ \delta \grave{e ̀ ~ e ̀ v ~ \tau a ̂ \iota ~ f ı \delta i ́ a \iota ~ \gamma a ̂ ı ~ e ̀ ~} \pi \iota \mid \gamma \in \gamma \rho a \mu \mu e ́ v \omega s$














[^23]vate land, so that it should not be covered over with stones (which were washed






 тà Фıขтía àmò тầ ảmo







## $\Sigma \nu \nu \theta \dot{\eta} \kappa a \quad \Delta \iota o \nu v ́ \sigma \omega ~ \chi \omega ́ \rho \omega \nu . \|$

95














down by the current) and made invisible, like the former boundaries. - 102. amodivavti : thresh. But some correct

39. So usually, but also $\ell \pi \iota \beta \hat{\eta}, \kappa \delta \pi \tau \eta \iota$, $\theta \rho a u ́ \eta \iota 11.138-139$, and $\alpha \mu \mu \omega \sigma \omega \theta \theta \hat{\eta} 1.111$.
 they assign to another the land which they
 ठ $\omega \nu \tau a \iota ~ \tau a ̀ \nu ~ ध ौ \mid \pi \iota \kappa a \rho \pi i ́ a \nu, ~ a ̀ \nu ~ a u ̉ \tau a ̀ ~ \tau a ̀ ~ \pi a \rho h e ́ g o v \tau a \iota ~ \pi \rho \omega \gamma \gamma v ́ \omega s ~ h o \iota ~$








'E $\rho \gamma a ́ \xi o \nu \mid \tau a \iota ~ \delta e ̀ ~ \kappa d ̀ \tau ~ \tau a ́ \delta \epsilon \cdot ~ h o ~ \mu e ̀ \nu ~ \tau o ̀ \nu ~ \pi \rho a ̂ \tau o \nu ~ \chi ~ ف ̂ \rho o \nu ~ \mu ı \sigma \theta \omega \sigma a ́-~$


 heкá, $\tau a \nu \mu \eta े \mu \in i ̂ o \nu ~ \hat{\eta}$ тétopa és тd̀ $\mid$ |






have leased, or devise it by will, or sell the harvest rights, those who take it over or those to whom it has been willed, or those who purchase the harvest rights, shall furnish sureties in the same manner as the one who leased it in the be-
 $\kappa \pi \lambda$.: 'whoever fails to fulfill his obligations shall pay not only double the rental for the year, but also, all together with the first rental, whatever rebate, namely the decrease allowed in releasing for the first five years, is determined by decree.' To insure leasing the land again it was generally necessary to offer it at a rental less than that
originally fixed. The $\alpha \mu \pi \dot{\omega} \lambda \eta \mu a$ is the re-bargaining, hence concretely the amount involved in it, the rebate. Cf. also 11.155 ff . be surety for the rentals, fines, rebates, and judgments. há $\mu a l$. 111 seems from its position to go with $\pi \hat{a} \nu$ as well as with $\tau \hat{\omega} \iota ~ \pi \rho \alpha \tau \omega \iota \mu \tau \sigma \theta$ $\mu a \tau c$. For the whole situation, cf. from a Delian inscription, B.C.H.XIV,432





 occurs also in Pindar and Alcaeus and



 $\rho i \omega$ тà $\rho$ тò фutòv héka










 $\kappa а т а \sigma \kappa a ́ \psi о \nu \tau \iota ~ o u ̉ \delta e ̀ ~ \delta \iota a \sigma \kappa a ́ \psi о \nu \tau \iota ~ \tau \omega ̂ \iota ~ h u ́ \delta a \tau \iota ~ o u ̉ \delta e ̀ ~ e ̀ \phi e ́ \rho \xi о \nu \tau \iota ~ \tau o ̀ ~ h u ́-~$








is probably the form of all dialects except Attic-Ionic, where $\begin{gathered}\text { inecon shows }\end{gathered}$ a change of $\tau$ to $\sigma$ which does not fall under the usual conditions (61) and is not certainly explained. - 122. катe8tкdodcv: have been condemned, i.e. are hereby condemned in advance. Cf.



and canals which run through the lands they shall not dig deeper nor make a breach in for the water, nor shall they dam in or dam off the water. - $\mathbf{e q}$ 'p-
 long with Ion. $\boldsymbol{\alpha}^{\pi} \epsilon \rho \gamma \omega$ (Hom. also dmo$\left.\epsilon^{\epsilon} \rho \gamma \omega\right)$, $\sigma \nu \nu \nu^{\prime} \rho \gamma \omega$, etc. from $f^{\epsilon} \rho \gamma \omega$, while
 with prothetic e. The spiritus asper is found mainly, as here, with the forms








 $\mu \varepsilon \nu \cdot a i \mid \delta \grave{̀} \mu \eta^{\prime}, \kappa a \tau \epsilon \delta \iota \kappa a ́ \sigma \theta \epsilon \nu \pi a ̀ \rho \mu e ̀ \nu ~ \tau o ̀ \nu ~ \beta o \omega ̂ \nu a ~ f e ̀ \xi ~ \mu \nu a ̂ s ~ a ̀ \rho \gamma v-~$
















in $\xi$, e.g. Att. кавềp $\xi a$ beside кatelpyw. - 187. otkoס $\alpha \mu$ चTal : perf. subj. of the same type as Cret. тénäral (151). For lack of reduplication, as also in olxoso$\mu \eta \mu e t v a$ 11. 112, 141, cf. otx $\quad$ jaat etc. in Ionic (Hdt.) and later Attic.- 146. is 8t rd 4 molkia $\kappa \tau \lambda$.: But they shall use what wood they wish for the construction of the farm buildings, i.e. the مow,
 the lessees shall not mortgage the lands or make a payment (perhaps pay a fine) out of either the lands or the buildings thereon. Note that when a mute is changed to an aspirate by a following $h$ the latter is not written. So also












 $\mu \grave{~} \pi \rho a \dot{\xi} \epsilon \iota \kappa \alpha ̀ \tau \tau \alpha ̀ \nu \sigma v \nu \theta \eta \dot{\kappa} \kappa a \nu$.



 $\kappa a \mu \grave{\eta} \pi \rho \alpha^{\prime} \mid \xi \in \iota \kappa d ̀ \tau \tau \grave{\nu} \nu \sigma v \nu \theta \dot{\eta} \kappa a \nu$.


 $\overline{h a}$ ă $\nu \theta \epsilon \mu a \quad \Phi \iota \lambda \omega \nu v ́ \mu \omega \tau \hat{\omega} \Phi \iota \lambda \omega \nu v ́ \mu \omega, \overline{h a}$ ĕ $\mu \beta о \lambda o s \mathrm{H}_{\eta \rho a \kappa \lambda \epsilon i} \delta a \tau \hat{\omega}$




 $170 \tau \|| | \sigma \tau a \cdot h o ́ \sigma \sigma a \iota ~ \delta e ́ ~ \kappa a ~ \tau a ̂ \nu ~ a ̉ \mu \pi e ́ \lambda \omega \nu ~ a ̉ \pi о \gamma \eta \rho a ́ \sigma \kappa \omega \nu \tau \iota, \pi о \tau \iota \phi \nu \tau \epsilon \nu \sigma \epsilon \hat{\imath}$

 $\mu \nu a ̂ s ~ a ̉ \rho \gamma v \rho i \omega \mid \pi d ̀ \rho ~ \tau d ̀ \nu ~ \sigma \chi o i ̂ \nu o \nu ~ h e \kappa a ́ \sigma \tau a \nu . ~ \tau a ̀ s ~ \delta e ̀ ~ e ̀ ~ e ̀ a i ́ a s ~ \kappa a l ~ \tau a ̀ s ~$

















 т $\rho \iota a ́ \kappa о \nu \tau а ~ \pi е ́ \nu \tau \epsilon ~ \mu \epsilon \delta i ́ \mu \nu \omega \nu \cdot \pi \rho \omega ́ \gamma \gamma v o s \mid \tau \hat{\omega} \sigma \omega ́ \mu a \tau o s \overline{\kappa \nu} \sigma \phi a \iota \rho \omega \tau \eta^{-}$






## Argolic

75. Mycenae. Probably VI cent. b.c. IG.IV.492.

 $\kappa a \check{\sigma} \chi \chi \bar{\nu} \nu$. "
76. Phrasiaridas of Mycene was sent by Athena to the suppliants of the city in the magistracy (or priesthood) of Antias and Pyrrhias. Let Antias and Cithius and Aeschron be (judges?). Certain citizens had sent to the shrine of A thena petitioning aid, and Phrasiaridas returned to them with the reply of the
goddess. As the nature of the request is unknown, the meaning of the reply
 acc. of persons, as in Homer, and elsewhere ; cf. Locr. avyōptovra êv Loppoús, no. 55.20. Fränkel,IG.IV.492, interprets otherwise, namely was sent as a suppliant from the citadel.
77. Mycenae. Early V cent. b.c. IG.IV.493. Solmsen 22.


78. Argive Heraeum. Early V cent. b.c. IG.IV.517. Michel 861. Solmsen 21. The Argive Heraeum I, 197 ff.

 Нидлєе́s, |'A
79. If there is no body of demiurgi, the hieromnemones (appointed) to (the heroum) of Perseus shall judge between the parents according to what has been decreed. This is only the conclusion of an inscription which must have been on the stone which once rested upon the base containing this line. Pausanias reports a heroum of Perseus on the road from Mycenae to Argos. It is probable that boys were employed in the cult and that disputes arose among the parents with regard to their appointment. For rois the stone has $\tau 0 \sigma$.
80. On the face of the stone, just below the inscription, is a rectangular cutting, with dowel holes, evidently intended for the reception of a tablet. This was the $\sigma \tau \alpha \lambda a$, while the $\tau \in \lambda a \mu \circ$ (probably only an error for re入a $\mu \delta \nu$ ), properly support, pedestal, refers to the wholestone in which the $\sigma \tau \dot{d} \lambda a$ was set, and which would itself be called a $\sigma \tau \eta \lambda \eta$ in Attic. In several inscriptions from the region of the Euxine $\tau \in \lambda a-$ $\mu \omega \dot{\boldsymbol{\prime}}$ is actually used as the equivalent


 Mesembria). This use is doubtless of Megarian origin, and is closely allied to that seen here at Argos, though with complete loss of the original notion of
support. For the collocation of $\sigma \tau \alpha \lambda \alpha$ and $\tau e \lambda a \mu \delta$ here, cf. ávסpcds кal $\tau \delta \sigma \phi \in \lambda a s$, no. 7.

The hieromnemones consist of a representative of each of four tribes, of which the $\Delta v \mu a ̂ v e s$, whose representative presides, the ' $\Upsilon \lambda \lambda \epsilon$ ês, and the $\Pi \alpha \mu-$ $\phi u \lambda 0$, are the three tribes common to all Doric states, while the ' $\mathrm{r} \rho \nu \mathrm{d} \theta$ oct are attested only for Argolis. Cf. Steph. Byz. s.v. $\Delta v \mu a ̂ v e s \cdot ~ \phi u \lambda\rangle \gg \omega \rho t e ́ \omega \nu$. fifay

 ws "Eqopos $a^{\prime}$.
78. An act of indemnity for the management of the treasury of Athena, probably with reference to some specific irregularity which had occurred. Without such an act, persons who proposed or put to vote a proposition to use sacred funds for public purposes were liable to punishment. Cf. Thuc. 2.24, 8.15, Ditt.Syll.21, Hicks 49.45 ff.

In the matter of the treasures of Athena, if any magistrate calls to account the council under the presidency of Ariston or the body of dptôvac or any treasurer, or if any one entertains or brings suit on account of the submission (to the assembly) of the proposals or on account of the action of the assembly, he shall be banished and his property be confiscated to the treasury of Athena.
78. Argos. VI or early V cent. b.c. IG.IV.554. Michel 583. Solmsen 19.
$[\Theta] \bar{\epsilon} \sigma a v \rho \overline{\bar{o}} \nu[\tau \hat{\bar{o}} \nu]$ тâs 'A $\theta a \nu a i ́ a s ~ a i ̂ ~ \tau \iota \varsigma\langle\tau \iota \varsigma\rangle \left\lvert\,\left[\begin{array}{ll}\hat{\epsilon} & \tau a\end{array}\right] \nu \beta \bar{\lambda} \lambda a ̀\right.$



 $\mu e ̂, ~ a u ̉ \tau o l ~ e ̀ v o ́ \chi o \iota ~ e ̌ \nu \tau o ̄ ~ e ̀ v s ~ ' A \theta a \nu a l a \nu . ~$
79. Olympia. VI or early V cent. b.c. SGDI.3271. Inschr.v.Olympia 631. Roberts 81. Solmsen 20.

80. Olympia. Early V cent. b.c. SGDI.3263. Inschr.v.Olympia 250. Michel 1087. Roberts 75.

81. Cimolos. IV cent. b.c. IG.XII.iii.1259. SGDI.3277. Hicks 150. Michel 14. Ionic alphabet, but twice $O=\omega$.



The council which is in office shall enforce (the confiscation), otherwise they (the members of the council) shall themselves be liable to Athena.

1. Until the existence of a riotis (cf. L. quisquis) is corroborated, it is better to assume simple dittography. 2. ouvaptiovtas: the d $\rho$ tîval as a body of Argive officials are mentioned by Thuc.5.47.11.-3. ${ }^{\text {and }} \lambda \mathrm{\lambda ov}$ : besides, else.


 account of the deposition of written proposals, i.e. the formal introduction of a measure before the assembly, or the (consequent) act of the assembly. This refers to some measure sanctioning the irregular use of the treasure. Those responsible for the introduction or passage of such a measure are to be
immune from prosecution. For the order of words cf. Thuc.1.57 $\tau \hat{\eta} \mathrm{s}$ Hotı-
 $\quad$ рад $\mu \mu$, see 164.4.
2. Atotus made this, an Argive and an Argead, son of Hagelaidas the Argive. Apparently the father of Atotus was of the Macedonian Argeadae but had moved to Argos, and hisson proudly joined both titles to his own name. See Roberts 1.c. Quite otherwise Dittenberger (Inschr.v.Olympia) and others, who take 'Apyedidas as the name of another sculptor. For the crasis in this and the following inscription, see 94.1.
3. Inscribed on a helmet. The Argives dedicated to Zeus from the spoils of Corinth. It is not known to what war this refers.
4. Decision of the Argives in a dispute between Melos and Cimolos.




5. Argos. III cent. b.c. B.C.H.XXVII,270 ff.; XXXIII,171 ff.


 тク̃as râs ỏ $\mu \phi а \lambda \grave{\nu} \nu \kappa a i ̀ ~ \tau[a ̀ d|\nu ~ \pi \epsilon \rho i ́ \sigma \tau a \iota \nu ~ \kappa a i ̀ ~ \tau o ̀ ~ \phi a ́ \rho \gamma \mu a ~ \kappa a i ̀ ~ \tau o ̀ \nu ~| ~$


 ${ }^{15} \pi \epsilon \delta^{\prime} i a|\rho o ̀ \nu \nu a i ̀ ~ \tau a ̀ \nu ~ \epsilon ̀ \pi \iota \pi o \lambda d े \nu, ~ \kappa a i ̀ ~ \tau o ̀ \nu s ~ \beta \omega| \mu o ̀ \nu s ~ \epsilon ̇ \nu s ~ \tau a ́ \xi \iota \nu ~ \pi \epsilon \delta a ́ \gamma a-~$


 pòv $\epsilon \nu \sigma \epsilon \mid[11.22-25$ fragmentary].
6. Epidaurus. End of V cent. b.c. IG.IV.914. Ditt.Syll.938. Solmsen 23. Ziehen, Leges Sacrae 54. Alphabet transitional (form of the letters mostly Ionic, but $日=h$, never $\eta$, no $\Omega$, gen.sg. O and OV ).



7. नevtipas: סevtepas. See 97.4.
8. From the temple of the Pythian Apollo mentioned by Paus.2.24.
 designation of the phratry or gens. 6 ff. Have had made and put in place, in accordance with the divine oracle, the Omphalus of the Earth, the colonnade, the enclosing wall, the altar . . ., a stone conduit, and the... above it; have had made in the oracle chamber a treasury, which can be locked, for the offerings; have constructed all the road,
the ramp leading to the shrine, and the area; have rearranged the altars and the colossi, have leveled the area, built a stone wall by the ..., strengthened the doors of the temple, and dedicated cups and a silver beaker. - 9. The restoration of the words following $\beta \omega \mu$ b is uncertain.
9. Regulations for sacrifices in the Asclepieum. For the frequentdoubling of consonants see 89.4, 101.2. For $\phi \epsilon \rho \delta \sigma \theta \bar{o}$ see 140.3 b . For other comments see the Glossary.









 роî̧ $\delta \delta \dot{\nu} \tau \bar{o} \kappa a i ̀ \tau \bar{e} \nu\langle\delta o \sigma \theta / \delta \iota a$.]
10. Epidaurus. Late IV cent. b.c. IG.IV.951. SGDI.3339. Ditt.Syll. 802. Michel 1069.
 $\pi เ ง$.










11. One of several stelae found in the Asclepieum recording the cures effected. Cf. Paus.2.27.3 $\sigma \tau \hat{\eta} \lambda a c ~ \delta e ̀ ~ \epsilon l \sigma \tau \eta-$





 $\tau \hat{\eta} \Delta \omega \rho / \delta$.

The dialect shows considerable At-
tic influence, e.g. usually $e l$ rarely $a l$, contractionin $\ell_{\tau \eta}$, , $\quad$ oı $\eta \sigma \circ \hat{\nu} \nu \tau o s$, etc., acc. $\mathrm{pl} \cdot$ - axparês etc. Lengthened $\bar{o}$ is always ov, and $\bar{\epsilon}$ usually $\epsilon \iota$, but we find $\chi \eta$ $\rho b_{s}$ beside $\chi \epsilon \rho b s$, and $\alpha \phi \dagger \lambda e r o(25 a, b)$. -3 . тevo' $I \tau\rceil$ : see $58 c$. - 5. Cf. Paus.


 -7 ff . The words on the votive offering form a rude epigram, hence the




 ímèp $\delta e ̀ ~ \tau o ́ \kappa o v ~ \pi o \iota \theta e ́ \mu \in \nu ~ \mid ~ \nu \iota \nu ~ o u ́ \theta e ́ v, ~ \kappa a i ̀ ~ \tau a v ̂ \tau a ~ \pi v \nu \theta a \nu o \mu e ́ v o v ~ a u ̉ \tau o ̂ ̂, ~$


























poetical $\mu \nu$, for which elsewhere $\nu i v$. $-27,28 . \delta_{\text {arcú }} \lambda_{\text {dovs }}$ : cf. 89.3. - 43 ff . Then the boy who acted as torch-bearer
for the god, looking at the boy's father, bade him promise that he (the boy), if he obtained what he was there for,











 írápХоvбıv. oṽтos $\lambda a \beta \omega ̀ \nu \pi d ̀ \rho[\Pi a \nu \mid \delta a ́ \rho o v ~ \chi \rho \eta ́ \mu a \tau a], ~ \omega ̈ \sigma \tau ' ~ a ̀ \nu \theta e ́-~$






 à $\phi \in \lambda o ́ \mu \in \nu о \nu ~ \tau a ̀ \nu ~ \tau a \iota \nu i ́ a \nu ~ a ̉ \pi o \nu i ́ \psi a \sigma \theta a \iota ~ \tau o ̀ \mid \pi \rho o ́ \sigma \omega \pi o \nu ~ a ̉ \pi o ̀ ~ \tau a ̂ s ~ \kappa \rho a ́ v a s ~$


 $\sigma \tau \grave{\gamma} \mu a \sigma \iota \nu \kappa a i ̀ ~ \tau a ̀ ~ \tau o v ̂ ~ \Pi a \nu \delta a ́ \rho o v ~ \gamma \rho a ́(\mu) \mid \mu a \tau a ~ \lambda \epsilon \lambda a ß \eta \kappa o ́ s .-E u ́ \phi a ́-~$








would within a year make the thank-

 When he had not even any rudiment of an










 $\xi \in$ тò $\gamma \nu \lambda \iota o ̀ \nu \kappa a i ̀ ~ \epsilon ́ \xi a ̂ \iota \rho \epsilon \nu ~ i ́ y ı \eta ̂ ~ \tau o ̀ \gamma ~ \kappa \omega ́ \theta \omega \nu a ~ \gamma є \gamma є \nu \eta \mu \epsilon ́ \mid \nu o \nu, ~ \kappa a l ~ \tau \omega ̂ \iota ~$



















eye, but only the place for it, i.e. the empty eye-socket. - 102. aútá refers to $\theta \eta \rho l a$, while with ${ }^{\epsilon} \mu \beta \epsilon \beta \lambda \eta \mu \epsilon{ }^{2} \nu a s$ we
must understand $\delta e \mu e \lambda \epsilon a s$. Or read ajo $\tau d(\delta) \delta o \lambda \omega \theta \epsilon i s(c f .97 .4)$.
















 $\kappa v \nu o ̀ s ~ \tau \hat{\omega} \nu \mid \kappa a \tau a ̀ ~ \tau o ̀ ~ i a \rho o ̀ \nu ~ \theta[\epsilon \rho a \pi] \epsilon v o ́ \mu \epsilon \nu o s ~ \tau o u ̀ s ~ o ́ \pi \tau i ́ \lambda \lambda o u s ~ i ́[\gamma i ̀ ~] s ~$ $\dot{a} \pi \tilde{\eta} \lambda \theta \epsilon$.

## Corinthian

85. Corinth. Early VI cent. b.c. IG.IV.358. SGDI.3114. Roberts 85.

86. Corinth. Early VI cent. b.c. IG.IV.211,217,329. SGDI. 3119.
 Потẹ $\delta[a ́ \nu]$.
b. [Пот] $\bar{\epsilon} \delta a^{\circ} \neq \bar{\nu} \nu$ ศávaкть.
c. Пєраё́̈ $\theta \in \nu$ hípouєs.
87. This and the following illustrate the Corinthian differentiation of $B=$ open $\epsilon$ or $\bar{\epsilon}(\eta)$ and $E($ transcribed $\boldsymbol{\epsilon})=$ close ẹ corresponding to Attic spurious orgenuine ec. See28. The epitaph forms a single hexameter. Cf. nos. 87-90.
88. From a large collection of pottery fragments found near Corinth.

They are mostly votive offerings to Poseidon, and contain the name in both uncontracted and contracted forms, as
 nominative only the uncontracted חo-
 Itelpacov Xen.Hellen.4.5.1ff. Probably $B$ in the first syllable is an error.
87. Corcyra. Early VI cent. B.c. IG.IX.i.867. SGDI.3188. Roberts 98. Solmsen 25.1.

$$
\begin{aligned}
& \text { Huıov̂ Thaбíafo Meveкpáteos tóde } \sigma a ̂ \mu a,
\end{aligned}
$$

5
88. Corcyra. Early VI cent. b.c. IG.IX.i.868. SGDI.3189. Roberts 99. Solmsen 25.2.
$\pi о \lambda \lambda \grave{\mid} \nu \dot{a} \rho \iota \sigma \tau \epsilon v(f) \circ \nu \tau a \kappa a \tau a ̀ ~ \sigma \tau o \nu \delta_{f} \epsilon(\sigma) \sigma a \nu \dot{a} f v \tau a ́ \nu$.
89. Corcyra. VI cent. в.c. IG.IX.i.869. SGDI.3190. Roberts 100. Solmsen 25.3.

## 

90. Northern Acarnania (exact provenance unknown). V. cent. b.c. IG.IX.i.521. SGDI.3175. Roberts 106.
 hòs $\pi \epsilon \rho \grave{i}$ тâs aủtov̂ $\gamma \hat{a} \mathrm{~S} \mid \theta a ́ \nu \epsilon \beta a \rho \nu a ́ \mu \epsilon \nu o s$.

8\%. Monument of Menecrates. This and the three following are examples of metrical inscriptions composed in the epic style and with retention of sev-
 $\sigma \tau 0 \nu \delta_{f \in}(\sigma) \sigma \alpha \nu, d_{f} u \tau d \nu=d u \tau t \nu$, and inflectional forms, e.g. gen. sg. in ooo and $-\bar{\alpha} \bar{F}_{0}=-\bar{\alpha} 0(105.2 a)$, dat. pl. in -aเбt, augmentless verb forms.
4. The restoration is that suggested by Dittenberger, IG. l.c., but is of course uncertain. - 6. roviAe: transitive sense as in Homer.
88. phofaiot: cf. also Mhel\}ıos, no. 89. See 76 b.-3. dplorev́(f)ovta: corrected from dןıбтeúrovta. See 32.
89. тú $\mu \mathrm{\imath}: \tau \hat{u} \mu \beta \varphi$. But, since assimilation of $\mu \beta$ to $\mu \mu$ (cf. Germ. Lamm, Eng. lamb as pronounced) is not otherwise attested in Greek, this is probably formed with another suffix ( $\tau \delta \mu-0-$ beside $\tau \dot{\sigma} \mu$ - $\beta_{0}$; cf. Lat. tumulus with a lo-suffix).
90. Проклelfas : gen. sg. masc. in -as. 105.2 b.

## Megarian

91. Selinus. V cent. b.c. IG.XIV.268. SGDI.3046. Ditt.Syll.751. Michel 1240. Roberts 117. Solmsen 24.

 $\lambda o ̄ v a ~ к a i ~ \delta \iota a ̀ ~ \Pi[o \tau] \mid \epsilon[\iota \delta a ́] \nu a ~ \kappa a i ̀ ~ \delta \iota a ̀ ~ T v \nu \delta a \rho i ́ \delta a s ~ \kappa a i ~ \delta \iota ' ~ ' A ~ \theta[a]-\| ~$





92. Decision of the Megarians. Epidaurus. Between 242 and 234 b.c. IG.IV.926. SGDI.3025. Ditt.Syll.452. Inscr.Jurid.I,p.342. Michel 20.






'91. The Selinuntians promise golden statues to the gods who shall help them to victory. Instead of an express condition, there is an enumeration of the gods who usually assist them, the implication being that they will continue to do so.
93. Through the help of the following gods do the Selinuntians win victory. Through Zeus we conquer, etc.-2. $\boldsymbol{\Phi}^{\mathbf{d}}$乃ov: Ares. -5. Maloфopov: Demeter. Cf. Paus.1.44.3 le $\rho \delta \nu \quad \Delta \not \mu \eta \tau \rho o s$ Maлофбpov. - Пагıкрáтсla: Persephone. Cf. $\Delta E \sigma \pi o เ v a .-7 \mathrm{ff}$. And when there is peace, making statues in gold and engraving these names, we shall set them up in the temple of Apollo, writing the name of

Zeus first.— троүрá廿агres: nominative carelessly used for accusative.
92. Decision of the Megarians, appointed by the Achaean league to arbitrate in a territorial dispute between Epidaurus and Corinth. Thedate must fall in the period between 243 в.c., when the Corinthians joined the Achaean league, and 223 в.c. when the Megarians abandoned it for the Boeotian league, and is still further limited by the name of the strategus.

1. Alycadeûs, lapev̂s: gen. sg. in -ev̂s from -tos. 111.3. - For the psilosis in
 89.3.-4. $\Sigma_{\pi / p a l o v: ~ n a m e ~ o f ~ a ~ h a r b o r ~}^{\text {in }}$ and promontory north of Epidaurus,


























 vavtes тoí $\boldsymbol{\epsilon}$. [There follow, ll. 32-96, the names of the arbitrators and of those appointed to lay out the boundaries for them.]
referred to by Thuc.8.10.3 (correcting Meiparbv to $\Sigma \pi l_{\rho a \iota \nu \nu) ~ a n d ~ P l i n y, N a t . H i s t . ~}^{\text {N }}$ 4.18 (Spiraeum). - 19. Фáyas: gen. sg. masc. in -ās. 105.2 b. So 'Apalas l. 22, but also the usual form in Kopydácall. 18 ff . The confusion caused by the iden-
tity with the feminine form is shown
 pas $1.20 .-32 \mathrm{ff}$. The list of names, arranged according to the three Doric tribes, contains the characteristic forms


## Rhodian

93. 'Camirus. VI cent. в.c. IG.XII.i.737. SGDI.4140.


b
94. Camirus. VI cent. b.c. IG.XII.i.707. SGDI.4127.

95. Camirus. IV (or III) cent. b.c. IG.XII.i.694. SGDI.4118. Ditt. Syll.449. Michel 433. Solmsen 32.








 .тâ̂тa $\pi a ́ \nu \tau a ~ \tau o ̀ \nu ~ \tau a \mu i ́ a \nu ~ \pi a \rho e ́ \chi \epsilon \iota \nu . \mid e ́ \gamma ~ \delta e ̀ ~ \tau a v \tau a ̂ \nu ~ \tau a ̂ \nu ~ \kappa \tau о \iota \nu a ̂ \nu ~ a ̉ \pi o-~$
 тâı ктоívaı катà tò̀ עó $\mu o \nu ~ \tau o ̀ \nu ~ \tau \omega ̂ \nu ~ ' P o \delta i ́ \omega \nu \cdot \mid ~ \tau o v ̂ \tau o \iota ~ \delta e ̀ ~ \sigma v \nu \lambda \epsilon \gamma e ́-~$

 Zès $\delta \epsilon$. 97.4. - $\lambda \epsilon б \delta \lambda_{\eta}$ : accursed. Cf. Hesych. $\lambda \epsilon \omega \bar{\omega} \eta{ }^{\prime}$ - te $\lambda \epsilon \epsilon \omega s \quad \xi \xi \omega \lambda \eta s$, and, for the first part of the compound, $\lambda e l \omega s$ in Archilochus.
96. $\lambda \epsilon^{\prime} \times a$ : grave. The original meaning of the word (from * $\lambda \bar{\chi} \sigma \kappa \bar{a}$, cf. $\lambda \epsilon \chi o s)$ was resting place, whence either grave or the usual place of recreation, club. - The last words are to be read, with resolution of the crasis, rồ Eú-

97. 1 ff . The names of the ктoìval or demes of Camirus are to be inscribed,
both those on the island and those on the mainland. For the latter cf., from the Periplus of Scylax, X $\omega$ pa $\dot{\eta}$ 'Pobt$\omega \nu \hat{\eta} \dot{\epsilon} \nu \tau \hat{\eta} \eta \pi \epsilon \epsilon \rho \varphi$. - The neighboring island of $\mathrm{X} \alpha \lambda \kappa \hat{\eta}$ (see 42.2) was under the control of Camirus at this time, yet evidently sustained a relation to it different from that of the other demes.
 $\lambda_{\eta} \theta_{\eta}$ नomac is used by late writers, but not in classical Attic. - 8 ff. ámodoбеิิvral $\kappa \tau \lambda$.: shall give out the contract to the one who is willing to furnish the stele at the lowest figure.
 $\tau \epsilon \lambda \hat{\eta} \pi \alpha \dot{\alpha} \nu \tau a, \dot{a} \check{\iota} \tau \iota \cdots$

96．Ialysus．IV（or III）cent．b．c．IG．XII．i．677．SGDI．4110．Ditt． Syll．560．Michel 434.
















 tov̀s $\mu a ́ \sigma \tau \rho o v s$.

97．Rhodian（？）inscription from Abu－Symbel in Egypt．VII or VI cent．b．c．SGDI．5261．Hicks 3．Roberts 130 ．Ionic alphabet，but with－ out $\Omega=\omega$ ．日 $=\eta$ in $a, b,=h$ and $\eta$ in $c$（and probably in $i$ ），$=h$ in $f(E=\eta)$ ．



96．4．＇A $\lambda_{\epsilon \kappa т р а ́ v a s: ~ a ~ d a u g h t e r ~ o f ~}^{\text {a }}$ Helios and the nymph Rhodos，who was worshiped with divine honors by the Rhodians．Cf．Diod．5．56，where
 7．入ctov $\Lambda a p r l o v: ~ a l s o ~ \pi e ́ t \rho a s ~ \Lambda a \rho t i a s ~$ on another inscription，marble from Lartus，a place in the neighborhood of

Lindus．－10．kvii：pl．forsg．－18．＇AXal－ as $\pi \delta \lambda_{\text {Los }}$ ：the name given to the acrop－
 ＇Ia入v 1 $\kappa \alpha \lambda o u \mu \notin \nu \eta \nu$ ．

9\％．Inscribed on the legs of one of the colossal statues at Abu－Symbel by Greek mercenaries who had taken part



b．＇ $\mathrm{E} \lambda \epsilon \sigma \iota \beta[\iota 0]$ s ò $\mathrm{T} \eta{ }^{\prime} \iota o s$.


e．Пáßıs ò Yo入oфóvıos－－$\sigma \grave{v}$ ．$\Psi a \mu \mu a \tau[i \chi \bar{\iota}]$ ：
f．Hayé $\sigma \in \rho \mu o[s]$ ．

h．K $\rho\left(\theta_{\iota} \varsigma{ }^{\text {ér }} \boldsymbol{\gamma} \rho a(\phi \epsilon) \nu\right.$ ．
 －－ $\left.\boldsymbol{h}^{\prime} \mu\right] a \Psi a(\mu) \mu a \tau i ́ \chi \bar{o}\left[\iota-{ }^{-}\right.$

98．Gela．VI cent．b．c．SGDI． 4247 ．

99．Agrigentum．Second half III cent．b．c．（before 210）．IG．XIV．952． SGDI．4254．Michel 553.


in an expedition up the Nile under PsammetichusI（ $654-617$ в．c．）or Psam－ metichus II（594－589 в．c．），probably the latter．These mercenaries were from Asia Minor and the adjacent





 d $\lambda \lambda \sigma \gamma \lambda \omega \sigma \sigma 0 \iota$ катокк $(\sigma \theta \eta \sigma a \nu)$ ．Among those whose names are inscribed be－ low，there are two Ionians，from Teos and Colophon（ $b$ and $e$ ），and one Rho－ dian，from Ialysus（c）；$f$ is also Doric， and $h$ Ionic（on account of the $\nu$ mova－ ble）．The main part of the inscription （a），as well as $i$ ，is clearly in Doric and may well have been written by one of the Rhodian mercenaries，though there is nothing to prove this．
a 3．Kípktos：stands for the Egyp－ tian Kerti，which is applied to the stretch of water between the first cat－ aract and Elephantine．－vis $\delta$ тотацдs avin：as far as the river let them go up．


i．No complete restoration is possi－
 The peculiar spelling 日E is perhaps due to a confusion between the two systems of writing known to those who wrote these inscriptions，1）日 $=\eta$ ，2）日 $=\hbar$ ，and $E=\eta$ ．Similarly $\quad$ E $\mu$ ，i．e．$\not \eta \mu$ ， in a Theran inscription．

98．Beginning of a hexameter．For Пacid́dafo see 105.2 a．

99．Proxeny decree of Agrigentum in honor of Demetrius of Syracuse．In view of 1.11 and of the fact that this inscription was found at Rome，being evidently the copy given to Demetrius





 इvракóбъоע тод入às каі $\mu \epsilon \gamma a ́ \lambda a s ~ \chi p e l a s \mid \pi a \rho \epsilon \iota \sigma \chi \hat{\eta} \sigma \theta a \iota ~ \tau \hat{\omega} \iota ~ a ̉ \mu \hat{\iota} \iota$

 $\tau \iota \mu a i ̂ s \cdot \mid \delta \epsilon \delta o ́ \chi \theta a \iota$ èml à $\gamma a \theta a ̂ \iota ~ \tau u ́ \chi a \iota ~ \kappa a l ~ \sigma \omega \tau \eta \rho l a \iota ~ \tau o v ̂ ~ \delta a ́ \mu o v ~ \tau \omega ̂ \nu ~$









100. Rhegium. I cent. b.c. IG.XIV.612. SGDI.4258. Ditt.Syll.323. Michel 555.
'Eтì $\pi \rho \cup \tau a ́ v \iota o s ~ N ı \kappa a ́ v \delta \rho o v ~ t o ̂ ̂ ~ N ı \kappa o \delta d \mu o v, ~ \beta o v \lambda a ̂ s ~ \pi \rho o \sigma \tau a \tau e ́ o \nu-~$

(1.24), it appears that he was resident in Rome, and his services probably consisted in some dealings with the Roman senate in behalf of Agrigentum.
 in the sixth period of two months, at the very end of the month Kapveios. - 10. $\sigma v(v) \kappa \lambda \dagger T \omega t$ : the council, for which Bound is employed in 1. 3. The significance of the following numeral is not


after the analogy of el $\lambda \eta \phi$ a etc. (76 b), occur in several kowh inscriptions. 15. yeyovetv: see 147.2.
100. Rhegium was a Chalcidian colony, and in the few early inscriptions the Ionic element predominates. But after its destruction by Dionysius of Syracuse in 387 b.c. and its subsequent restoration, there were continual changes in its population. Some of its new inhabitants must have been furnished by Gela or Agrigentum, if








 А $\dot{\boldsymbol{\gamma} \phi} \boldsymbol{\delta} \boldsymbol{\delta} \omega$.

## Coan

101-103. Cos. Late IV or early III cent. b.c. SGDI.3636-3638. Ditt. Syll.616-618. Michel 716-718. Paton-Hicks, Inscr. of Cos 37-39. Solmsen 33.
101. [The first six lines and most of the seventh are so badly mutilated that only a small part can be restored.] $e^{\prime} \delta \delta \grave{\varepsilon}[\tau] \mid \grave{a} \nu$ [áyo$\rho] a ̀ \nu ~ \grave{\lambda} \lambda a ́ \nu \tau \omega$ Пá $\mu \phi \nu \lambda o \iota \pi \rho a ̂ \tau o \iota, ~ \grave{e v} \nu$ áyopâı $\delta \grave{e} \sigma[\nu] \mu \mu l[\sigma \gamma \mid o \nu] \tau \iota$, ó $\delta e ̀$



we may judge by the language of this inscription, which is not merely Doric, but contains the Rhodian infin. - $\mu$ elv and the word $d^{\lambda}\langle a \sigma \mu a$, otherwise known only from inscriptions of Gela and Agrigentum. The Rhodian influence in Sicilian Doric seems to have been considerable. Cf. dyoparөخŋцєเข at Tauromenium, SGDI.5228.13.

1. $X$ coot: unexplained and probably
 refers to a small select body, probably mediating between the council and the assembly. Cf. Hesych. $\begin{aligned} & \boldsymbol{\sigma} \kappa \lambda \eta \tau 0 s \cdot \\ & \boldsymbol{\eta} \tau \omega ि p\end{aligned}$


101-103. Portions of a sacrificial calendar, in which were enumerated
the rites and ceremonies appropriate to each day of the year.
101. Selection of the ox and other preparations for the sacrifice to Zeus Polieus, which occurs on the following day, the twentieth of the month Ba tromius (cf. l. 47, and no. 102.11).

8-19. After the tribes had each selected nine oxen in a manner prescribed in the preceding lines (apparently one from each evára or ninth part of the tribe), they were to drive them to the agora, the Pamphyli having the precedence, and there unite them in one herd. When the priest and the leporool had taken their places at a table, the Pamphyli drove up to it the three










 $[\sigma] \kappa e ́ \lambda o s, ~ \tau a ̀ ~ \delta e ̀ ~ a ̆ ̀ \lambda \lambda a ~ к \rho e ́ a ~ \tau a ̂ s ~ \pi o ̂ \lambda ı o s . ~ \tau o ̀ \nu ~ \delta e ̀ ~ \kappa \rho \iota \theta e ́ v \tau a ~ \tau[\hat{\omega \imath l] \mid ~}$





 30


finest oxen for selection. If none of these was chosen, the Hylleis drove up three more, then the Dymanes, then the Pamphyli again and so on in rotation until all twenty-seven oxen had been presented. If still no choice has been made, they select an additional ox from each $\chi^{\prime}$ 入ıa $a \sigma$ ús, the third part of a tribe, and unite these with the others. Then the choice is effected, followed by vows and a proclamation of the choice. - 19 ff . E'Tetra $\kappa \tau \lambda$. : the choice of the ox to be sacrificed to Zeus Polieus having been disposed of, a similar procedure is to be repeated for the choice of anox to besacrificed to Histia; and, as this sacrifice takes place imme-
diately, it is described at this point, before the narration returns, in 1.23 , to the ox chosen for Zeus. - vimok[úq] ct : submits tamely. Aor. subj. 150. - Yepea-
 a priestly official, occurs only here, and, in the form rep $\quad$ obpos, in the small island of Pserimos, between Cos and Calymna. The $\beta$ actietis were here, as elsewhere, a body of officials in charge
 offers in addition the sacrificial cakes (prepared) from a half-ikvés. Cf. apтos סóo $\mathfrak{\epsilon \xi}$ ท̀m rected from $\sigma \tau \epsilon \gamma \tau \epsilon . \quad \sigma \tau \epsilon \pi \tau \omega=\sigma \tau \epsilon \phi \omega$, as $\boldsymbol{\epsilon} \rho \in \pi \tau \omega=\dot{\epsilon} \rho \dot{\epsilon} \phi \omega$. - 31. каuт $\delta v: a$ whole burnt-offering, in this case, a pig.




 $\pi[o l a s]$ è $\pi \iota \sigma \pi \epsilon \nu \delta e ́ \tau \omega \mu \epsilon \lambda i ́ \kappa[\rho a \tau o \nu, \kappa a ́ \rho \nu \xi \xi \delta] e ̀ ~ \kappa a \rho v \sigma \sigma e ́ \tau \omega ~ e ́ o \rho \tau a ́ \zeta[\epsilon \nu \mid$























Cf. no. 102.12 хоі̆роз прокаитејета..-43.
dvel vucros: during the night. 186.8. —44. aipelo0w: 3 pl. 140.1. - троa-
 here in literal sense, carrying off. Cf. 11. 55-58, and no. 102.10 тoútwy oúk $\boldsymbol{\epsilon} \mathrm{K}$ форd èk rov̂ naồ. - 48. ïvsopa dvSipe-

Tat: the $7 \nu \delta o \rho a$ are wrapped in the skin. The reference is to certain parts of the victim which after slaughter are wrapped up in the skin and made a special offering. Cf. Hesych. zvopara.
 $\sigma$ (v. - 49. тupd $\delta \eta \mathrm{s}$ : cheese-shaped, that

















 $10 \tau \hat{\omega} \iota \nu a \omega ̂ \iota \tau \dot{a}$ ěvסopa кal è̉ oủk ėкфорà è́к тô̂ vaov̂.


 - $\pi \epsilon \rho \tau \hat{\omega} \iota$ Подı$\hat{\eta}_{\iota}$.


 $\pi \mid a \rho e ́ \chi \epsilon \iota \cdot \tau о ⿱ ́ т о \iota s ~ \pi \rho о \theta v ́ \epsilon \tau a \iota ~ \pi a ̀ \rho ~ \tau o ̀ \gamma ~ \kappa о[\iota \nu] o ̀ \nu ~ a ̂ ~ ф e ́ \rho о \nu т \iota ~ Ф \nu \lambda \epsilon о-~$


is, as cheeses are now made in Cos, in the shape of a slender cylinder. - 60 . duouévov: $\phi \theta$ lvovtos. - 61. кueо̂́a: кvev̂̃a in no. 102.3 etc., from kvéováa (cf.
$\lambda_{a} \lambda_{\epsilon} \hat{\sigma} \sigma a$ etc. in other Coan inscriptions). The spelling eo is due to the co-existence of the spellings eo and $e v$ in the case of original eo (e.g. gen. sg. eos and -evs).






 --..-.-...-. $[\delta \rho] a \chi \mu \ldots v . . . . \tau a . .$.

 $\kappa \lambda \epsilon i ̂ o \nu, o ́ d e ̀ ̀ ~ \tau \omega ̂ \nu \Delta \nu \mu a ́ \mid \nu \omega \nu \pi a \rho a ̀ ~ \tau a ̀ ~ ' A \nu a \xi i \lambda \epsilon a, o ́ d e ̀ ~ \tau \hat{\omega} \nu ~ \Pi a \mu \phi \nu \lambda e ́ \omega \nu$




 $\rho \epsilon \cup ́ s, \tau \hat{\omega} \iota \quad \delta \grave{\epsilon} \mid[\theta \epsilon \hat{\omega} \iota ~ i] \epsilon \rho a ̀ ~ \delta i ́ \delta o \tau a \iota ~ \kappa \rho \iota \theta a ̂ \nu ~ \tau \rho l a ~ \grave{\eta} \mu e ́ \delta \iota \mu \nu a ~ \kappa a l ~ \sigma \pi v-1$




## Theran

104. Thera. VII cent. b.c. IG.XII.iii.762. SGDI.4808. Roberts 2.
 Meıpatévs.

c. $\Lambda \epsilon o \nu t i ́ \delta a s$.
d. 'О $\rho$ Өок $\lambda \eta$.
105. 17. Tdेp тdy кoเvóv: sc. $\beta \omega \mu b y$.

104-106. Nos. 104 and 105 are epitaphs, while no. 106 belongs to a series of inscriptions cut in the solid rock and mostly of obscene content. They be-
long to the oldest period of the alphabet, when there were no signs for $\phi$ and $\chi$, which were indicated by $\pi h$ and $\kappa h$ or $\rho h$, in consequence of which even $\theta$ was sometimes indicated by $\theta h$ (as in
105. Thera. VII cent. B.c. IG.XII.iii.753. SGDI.4809. Roberts 1 n.

106. Thera. VII cent. b.c. IG.XII.iii.536. SGDI.4787. Solmsen 27.



107. Thera. IV or early V cent. в.c. IG.XII.iii.Suppl.1324. Solmsen 28.
 $\mathrm{K} a[\rho] \nu \hat{\eta} \iota a \theta_{\epsilon} \dot{\partial} \nu \delta_{\epsilon \ell} \mid \pi \nu[\iota] \xi \in \nu$ hṑ $\nu \iota \pi a \nu \tau i \delta a \|$ $\kappa a l$ Лaкартôs.
108. Thera. IV cent. B.c. IG.XII.iii.452. SGDI.4772. Ziehen,Leges Sacrae 127.


109. Thera. IV cent. в.c. IG.XVI.iii.436. SGDI.4765. Ditt.Syll.630. Michel 715. Solmsen 29. Ziehen,Leges Sacrae 128.



no. 105). Even at this early time $F$ was completely lost, cf. K入earboas, ' $0 \rho$ -

107. Agloteles, son of Enipantidas and Lacarto, was the first to honor with a Carnean banquet the god (Apollo Carneus) on the twentieth of the month in which the 'Ayopal were celebrated (cf. 'Aropiniots no. 108). But the words from $\pi \rho d \tau \omega \tau \pi o s ~ t o ~ \delta e l \pi \nu \iota \xi \in \nu$ are variously interpreted. The inscription, up to the last two words, is metrical (two iambic trimeters), heffee $\delta e l \pi \nu \stackrel{\xi}{ } \boldsymbol{\nu}$ without augment and with the Att.-Ion. $\nu$ movable. For hī́d́dı see 58 c, 116.
108. On the twenty-fourth of the
month Artemisius they shall offer a sacrifice, and at the Agoreia (name of a festival) a banquet and sacrifices in front of the image.
109. 1f. Boundaries of the land for the Mother of the Gods. This was, doubtless, land dedicated to her service by Archimus, who also promises a sacrifice. - 6 ff . In the very first year (as well as thereafter) they shall offer an ox, a medimnus of wheat, etc. Oббоvтt : instead of $\theta v \sigma \epsilon_{0 \nu \tau}$ ( cf. no. 108), but with retention of the Doric ending, while $\phi$ tpovatv 1.15 is completely





## Cretan

110．Gortyna．V cent．b．c．SGDI．4991．Hicks 35 （only I）．Inscr．Jurid． I，pp． 352 ff．Michel 1333．Solmsen 30．Comparetti，Mon．Antichi III，pp． 93 ff．Merriam，Am．J．Arch．1885，324 ff．，1886，24 ff．

##  

110．The famous Gortynian Law－ Code．Although conveniently so desig－ nated，it is not of course a complete code of laws，but a series of regulations on various subjects，complete in itself， as shown by the $\theta$ ool at the beginning and the unused space at the end of the last column．The state of the alphabet （there are no signs for $\phi$ and $\chi$ ，which are not distinguished from $\pi$ and $\kappa$ ． See 4．1），the forms of the letters，and the direction of the writing（ $\beta$ ovarpop $\eta$－ 86v），are such as are usually character－ istic of the sixth century b．c．，but the general style of the writing，precise and regular，points to a later date．It is now generally believed that the de－ velopment of the alphabet was slower in Crete than elsewhere，and that the Code is of the filth century b．c．，prob－ ably about the middle of it．There are also other inscriptions from Gortyna containing regulations of a similar character but on different subjects，one series of seven columns being known sometimes as the Second Code（SGDI． 4988）．

Although a sign for $\eta$ is lacking in the Law－Code，the 日 had already been used with this value in an earlier period， and $H$ is regularly so used in the in－ scriptions of the＂North Wall，＂which
are not much later than the Law－Code． The proper transcription of $E$ in the Law－Code is in certain classes of forms uncertain，since there is evidence of both $e$ and $\eta$ from inscriptions which contain a sign for $\eta$ ．Such are the in－ finitives of contract verbs in－EN（－ty or $\mathcal{\epsilon} \boldsymbol{\epsilon}$ ？ ），and the infinitives in－MEN （ $-\mu \epsilon \nu$ or $-\mu \bar{\epsilon} \nu$ ？）．The earlier inscriptions with 日 have ${ }^{2} \mathrm{y}$ fockev，甬uev，while the later ones with H have $\mu \overline{0} \lambda \hat{\eta} \nu, \dot{\eta} \mu \eta \nu$ ．The transcription followed in our text is that which accords with the forms of the earlier inscriptions．The prohibi－ tive ME has been transcribed uni－ formly $\mu^{k}$ ，although the inscriptions which have H often have $\mu \epsilon$ beside $\mu \phi$ before words beginning with a vowel （98）．The same inscriptions show that aor．subj．$\lambda a \gamma d \sigma \epsilon t$ etc．should be so transcribed，not $\lambda a \gamma \alpha \sigma \bar{\epsilon} \iota$ etc．See 150.

I．1－II．2．Disputes over the owner－ ship of a slave or one alleged to be a slave．

I． 1 ff．Whoever is about to bring suit in relation to a free man or a slave， shall not make seizure before the trial． If he makes the seizure，（the judge）shall condemn him to a fine of ten staters in the case of a free man，five in case of a slave，because he seizes him，and shall decree that he release him within three













days. But if he does not release him, (the judge) shall condemn him to a fine of a stater in the case of a free man, a drachma in the case of a slave, for each day until he releases him; and as to the time, the judge shall decide under oath. - For the use of the genitive in $\tau 8$
 тентëкоитабтатépō II.38. Observe the clear distinction in use, here and elsewhere, between $\delta i \kappa a \delta \delta e \nu$ and $\kappa \rho / \nu \in \nu$. The former is used where the judge pronounces formal judgment according to the law and the evidence, the latter where he acts directly as arbiter. Cf. especially XI. 28 ff . - 11 ff . But if one denies making a seizure, the judge shall decide under oath, unless a witness testifles. If one party contends that a man is a free man, the other that he is a slave, those who testify that he is a free man shall be preferred. If they contend about a slave, each declaring that he is his, if a witness testifies, (the judge) shall declare judgment according to the witness, but if they testify for both or for neither, the judge shall decide under oath. When
the one in possession has been defeated, he shall release the free man within five days, and he shall surrender the slave. If he does not release (the free man) or surrender (the slave), (the judge) shall decree that (the plaintiff) have judgment ( $\mathrm{v} \kappa \mathrm{c} \boldsymbol{\nu}=$ Att. ncôv) against him, in the case of the free man for fifty staters and a stater for each day until he releases him, in. the case of the slave ten staters and a drachma for each day until he surrenders him. But at the end of a year after the judge has pronounced judgment, one may exact three times the amount (i.e. three times the original fines, instead of the accumulated fines for delay) or less, but not more. As to the time the judge shall decide under oath. The purpose of this last provision seems to be to prevent the accumulation of fines out of all proportion to the value of the slave. Some take rpitpa as a third (i.e. of the accumulated fines). The word occurs in another Cretan inscription (SGDI. 5000 I), where its meaning is equally disputed. - 25. тâv


















35. ivcautồ: not year, but anniversary. See Glossary. - 38 ff. If the slave on whose account one is defeated takes refuge in a temple, (the defeated party), summoning (the successful party) in the presence of two witnesses of age and free, shall point out (the slave) at the temple where he takes refuge, either himself or another for him; but if he does not make the summons or point him out, he shall pay what is written. If he does not even (referring back to 11.34 ff.) surrender him (the slave) at the end of a year, he shall pay the simple fines in addition (to what is stated in 11.34 ff .). If (the slave) dies while the suit is being tried, he shall pay the simple fine (i.e. without any additional fines for delay). If a member of the $\kappa \delta \sigma \mu$ os (see Glossary) makes a seizure, or another (seizes the
slave) of a member of the $\kappa b \sigma \mu \mathrm{os}$, the case shall be tried after he (the official) has gone out of office, and, if defeated he shall pay what is written from the time when he made the seizure. But there shall be no penalty for seizing one condemned for debt or one who has mortgaged his person. -The penalties fixed in 11. 47-50 and their relation to the provision in 1.36 are variously understood. Many take $\tau \mu \mu \nu \bar{s}$ and $\tau \mu \mu \nu \nu$ as referring to the value of the slave.
II.2-45. Rape and adultery.
II. 2 ff . If one commits rape upon a free man or woman, he shall pay one hundred staters; but if upon (the son or daughter) of an $\dot{d \pi} \dot{\epsilon} \tau a(\rho o s, t e n$. The $d \pi t-$ talpos, one who was not a member of a éraıpela (èraıpēla) or society made up of citizens, occupied a social position


















midway between the eine $\theta \theta e p o s$ and the foukels. Possibly the $\xi \in$ yol are meant. 11 ff . If one violates a household slave by force, he shall pay two staters, but if one that has already been violated, by day one obol, but if in the night two obols; and the slave shall have the preference in the oath. -16 ff . If one attempts to have intercourse with a free woman to the distress of her relative, he shall pay ten staters if a witness testi-
 $d x e d \omega .-28 \mathrm{ff}$. One shall announce before three witnesses to the relatives of the one caught (literally caught in, i.e. in the house of the father etc.) that they are to ransom him within five days; but to the master of a slave before two witnesses. But if he is not ransomed, it shall be in the power of the captors to do with
him as they wish.-36ff. If one declares that he has been the victim of a plot, then the one who caught him shall swear, in a case involving a fine of fifty staters or more, with four others (literally himself as a fifth), each calling down curses upon himself (if he testifies falsely), but in the case of an dixtracpos with two others, in a case of a serf the master and one other, that he took him in adultery and did not lay a plot.
II.45-III.44. Rights of the wife in the case of divorce or death of husband.
II. 45 ff. If a man and wife are divorced, (the wife) shall have her own property with which she came to her husband, and the half of the produce, if there is any from her own property, and the half of whatever she has woven within (the house), whatever there is, and five



















staters, if the husband is the cause of the divorce. But if the husband declares he is not the cause, the judge shall decide under oath. But if she carries off anything else belonging to the husband, she shall pay five staters, and whatever she carries off and whatever she purloins this she shall return. But as regards matters which she denies, (the judge) shall decree that she take the oath of denial by Artemis, (proceedingi) to the Amycleium to the archer-goddess. If any one takes anything away from her after she has taken the oath of denial, he shall pay five staters and the thing itself. If a stranger helps her carry things off, he shall pay ten staters and half the amount which the judge swears he helped cairy off.-49, rdvv
${ }_{\epsilon}{ }_{\mu}^{2}$ (vav: see 101.1. - 50. кӧ́tь: here and III.26, $34=$ кal $\begin{gathered}\text { ötı, i.e. кal oữıvos, gen. }\end{gathered}$ by attraction. - III. 14-15. крُ́íos:
 -17 ff . If a man dies leaving children, if the wife wishes, she may marry again holding her own property and whatever her husband may have given her, according to what is written, in the presence of three witnesses of age and free. But if she takes anything belonging to the children, it shall be a matter for trial. -27 ff . And of the produce in the house she shall share with the lawful
 the heir at law, a short expression for

 wishes to make gifts, (it is permitted),




















either clothing or twelve staters or something of the value of twelve staters, but not more. - кб $\boldsymbol{\sigma} \sigma \boldsymbol{\tau} \rho a$ : perhaps a technical term for certain kinds of gifts.
III.44-IV.23. Disposition of children born after divorce.
III. 44 ff. If a divorced wife bears a child, she shall bring it to her husband at his house in the presence of three witnesses. If he does not receive it, the child shall be in the power of the mother either to bring up or to expose; and the relatives and witnesses shall have preference in the oath, as to whether they brought it.

- ortyav: this is the regular word for house in this inscription, foukia being household (V.26) and foîkos not occur-ring.-IV. 14 ff . If the man has no house to which she shall bring (the child), or she does not see him, if she exposes the child, there shall be no penalty. - ${ }^{2}$ st 8 ca $\mu^{\prime}{ }^{\prime}[$ [ $]$ к $\kappa \lambda$.: this conforms to the reading of the stone, though the elision of the $\bar{\varepsilon}$ of $\mu^{\hat{k}}$ is difficult (or read $\mu^{\hat{e}}{ }^{\prime} i[\bar{\epsilon}]$ with aphaeresis ?). For $\kappa \alpha$ with the optative see 177.
IV.23-VI.2. Partition of property among children and heirs-at-law.









 тâ||c ỏmvıo



 $\left.\mu^{\frac{1}{\epsilon}} \frac{\stackrel{y}{\epsilon}}{\epsilon}[\nu] \delta \iota \kappa о \nu \stackrel{\bar{\epsilon}}{\bar{\epsilon}} \mu \right\rvert\, \epsilon \nu$.







IV. 29 ff. But if any one (of the children) should be condemned to pay a fine, the one who has been fined shall have his portion taken out and given him as is written. - 83 ff . als $\kappa \mathrm{ka} \kappa \tau \lambda$.: which are not occupied by a serf residing in the country. -44 fi. And the property of the mother shall be divided, when she dies, in the same way as is prescribed for the property of the father. - V. 1 ff . Whatever woman has no property either by gift of father or brother or by promise or by inheritance, as (was written)
when Cyllus and his colleagues of the oraptbs (subdivision of the tribe) of the Aethalians composed the кbo $\mu \mathrm{os}$, these women shall share in the inheritance, but against those (who received gifts) previously no action shall be brought. 22 ff . If there is none of these, those to whom it falls according to the source of the property shall receive it. But if there are no heirs-at-law, those of the household who compose the кגâpos (i.e.
 to the estate) shall have the money. -
 é| $\kappa \in \nu \tau \bar{\tau} \kappa \frac{1}{\kappa} \kappa \frac{1}{\epsilon} \mu a \tau a$.










 $\tau a ̀ a i \mid \tau a ́$.







28 ff . If some of the heirs-at-law wish to divide the property, and others not, the judge shall decree that all the property belong to those wishing to divide, until they divide it. If any one, after the decision of the judge, enters in by force or drives or carries off anything, he shall pay ten staters and double the value of the object. In the matter of live stock, produce, clothing, ornaments, and furniture, if they do not wish to make a division, the judge shall decide with reference to the pleadings. If, when dividing the property, they do not agree as to the division, they shall sell the property, and, disposing of it to whoever offers the most, they shall receive each his share
of the price.—34. 8d́тtovtat: aor. subj.,
 taken by some as $\begin{aligned} & \boldsymbol{\nu}-\sigma e \bar{\epsilon} \mathrm{l} \\ & \text { ( } \sigma e l(\omega) \text {, but }\end{aligned}$
 stead of a from the indicative. - 38 . тvarôv: $\theta_{\nu \eta \tau} \hat{\nu}=\zeta \psi \omega \nu$, as in Hdt.2. 68. - VI.1. 8ı\&ö̀ : subj. without кa. 174.
VI.2-46. Sale and mortgage of family property.
VI. 2 ff. As long as the father lives, one shall not purchase any of the father's property from the son, nor take a mortgage on it. But whatever (the son) himself has acquired or inherited, he may dispose of, if he wishes.- 14 f . d $\lambda \lambda a \mathrm{a}$. $\delta^{\circ}$ 'ौүpartat: and it is written




















otherwise $=$ otherwise than is written. Cf. 1. 87 and VIII.54. - it rade rd үраццата "ураттаl: since the inscription of this law, contrasted with rồ $\delta$ de $\pi \rho 6 \theta \theta a, 1.24$, in matters of previous date. So in IX. 15 and XI.19. - 25 ff. But if the opponent denies, with reference to the matter about which they are disputing, that it belongs to the mother or the wife, action shall be brought where it belongs, before the judge where it is prescribed for each case.
VI.46-VII.15. Repayment of ransom. Children of mixed marriages. Responsibility for the acts of a slave.
VI. 46 ff . 'A ransomed person shall belong to the ransomer, until he pays
what is proper.' The general sense is clear, but the restoration and precise interpretation is uncertain. Perhaps, with the reading of the text, if one is sold into hostile hands and some one, forced (to do so) upon his demanding it, ransoms him from his exile. - 51 ff. But if they do not agree about the amount, or on the ground that he did not demand to be ransomed, etc. - 55 ff. Something is certainly missing between the end of VI and the beginning of VII, either overlooked by the stonecutter in copying, or possibly added on the original substructure, which is not extant. VII. 1 ff . In the case of marriage between a male slave and a free woman,





 $\stackrel{\stackrel{\rightharpoonup}{e}}{\boldsymbol{e}} \mu \boldsymbol{\nu}$.







. the status of the children depended on whether the slave went to live with the free woman, thus raising himself in a measure to her condition, or whether the woman went to live with the slave.
 one having purchased a slave from the market-place has not repudiated the purchase within the sixty days, if the slave has wronged any one before or after, the one who has acquired him shall be liable. The purchaser of a slave was allowed a certain time within which, upon discovering any faults, physical or otherwise, which had been concealed, he might repudiate the purchase. Not until the expiration of this period was the purchase binding, and the purchaser liable for the acts of the slave. For the use of $\pi \in \rho a+6 \omega$, cf. also SGDI.

 the meaning in both passages to be dispose of abroad.
VII.15-IX.24. The heiress. Regulations for her marriage and the disposition of her property.

When, in default of sons, a daughter becomes the heiress (xarpṑồos, cf. $\pi a r \rho o u ̂ \chi o s ~ \pi a \rho \theta \in$ vos Hdt. 6.57 with Stein's note, Att. $\epsilon_{\pi}(\kappa \lambda \eta \rho \rho s)$, the choice of a husband, who becomes the virtual head of the family, is determined by fixed rules. The person so determined, the groom-elect, is known as $\delta\left\langle\pi<\beta d \lambda \lambda{ }^{\circ} \mathrm{y}\right.$
 whom it falls to marry) or simply $\delta$ emt-

VII. 15 ff. The heiress shall marry her father's brother, the oldest of those living. If there are several heiresses and father's brothers, they shall marry (the second) the next oldest (and so on in succession). If there are no father's br thers, but sons of the brothers, she sh ill marry that one (who is the son) of the oldest. If there are several heiresses and sons of brothers, they shall marry (the










 $\beta a ́ \lambda \lambda о \nu \tau \iota \frac{\grave{\varepsilon}}{\hat{e}}$ io












second) the second (in order) after the son of the eldest (and so on). -35 ff . If the groom-elect, being a minor, does not wish to marry (the heiress), though both are of marriageable age, all the property and the income shall belong to the heiress until he marries her. - 47 ff . If he does not marry her, as is written, she with all the property shall marry the next in succession, if there is another. But if there is no groom-elect, she may marry any one of the tribe she wishes, of those
who ask for her hand. - VIII.7-8. But they shall give to him (the rejected groomelect) his proper share of the property. -20 ff . If one becomes an heiress after her father or brother has given her (in marriage), if she does not wish to rem ain married to the one to whom they gave her, although he is willing, then, in case she has borne children, she may, dividing the property as is written, marry another of the tribe. - 24. Єбтєтєккӧтal: perf. subj. like $\pi \epsilon \in \pi \bar{a} \tau a l$ etc., 151.1.















 $\lambda$ догалs.














IX.24-X.32. Various subjects.
IX. 24 ff. If one dies who has gone surety or has lost a suit or owes money
given as security or has been guilty of fraud ( 9 ) or conspiracy ( 9 ), or another (stands in such relations) to him, one


















shall bring suit against said person before the end of the year. The judge shall render his decision according to the testimony. If the suit is with reference to a judgment won, the judge and the recorder, if he is alive and a citizen, and the heirs as witnesses, (shall give testimony), but in the case of surety and pledges and fraud (9) and conspiracy ( 9 ), the heirs as witnesses shall give testimony. After they have testified, (the judge) shall decree that (the plaintiff), when he has taken oath himself and likewise the witnesses, has judgment for the simple amount. If a son has gone surety, while his father is living, he and the property which he possesses shall be subject to fine. - 26-27. The precise meaning of $\delta \iota a \beta a \lambda \delta \mu \varepsilon \nu o s$ and $\delta c a f \epsilon i \pi d \mu \varepsilon$ vos (cf. in ll. 3̄̄-36 diaßo入ass, $\delta \iota \rho \hat{f} \sigma$ oos, the
latter with $\delta_{t}-$, probably only an error, for $\delta c a-$ ) is uncertain.-28-29. The third letter in 1.29 is obscure, but the most probable reading is $\epsilon \pi \mu \mu 0 \lambda e \nu \nu \nu \hat{\imath}$, with $\nu \nu$ as in $\tau \dot{d} \nu \nu{ }^{2} \mu$ i $\nu a \nu$ II. 48, and with 16 s used like éceivos as in VIII.8. - 43 ff . If one has formed a partnership with another for a mercantile venture (and does not pay him his share), or does not pay back the one who has contributed to
 before following $\delta$ (97.4). - 53. бтєрби ка кт入.: whichever course the complainant demands, either to take oath of denial or-. X. 15 ff. 'Special legacies are not to exceed the value of 100 staters. If one makes a gift of greater value, the heirs, if they choose, may pay the 100 staters and keep the property.' -24 . $\mu \bar{\delta} \mathrm{E} \mathrm{e}$ ds kptos: to no purpose, invalid.






















 $\delta_{\text {цкоо }}{ }^{\frac{1}{\epsilon}} \mu \dot{\varepsilon} \nu$.
X.33-XI.23. Adoption.

X .33 ff . Adoption may be made from whatever source any one wishes. The adoption shall be announced in the mar-ket-place, when the citizens are assembled, from the stone whence they make proclamations.-41. $\sigma u v v-\hat{\mathrm{c}} \mathrm{L}$ : see 101.1. -42 ff . He shall perform the religious and social obligations of the one who adopted him.-XI. 10 ff. If the adopter wishes, he may renounce (the adopted
son) in the market-place, etc. - 16. '
 official who looks after the interests of strangers. - 19 ff . These regulations (roîठ $\delta \dot{\delta})$ shall be followed from the time of the inscription of this law, but as regards matters of a previous date, in whatever way one holds (property), whether by virtue of adoption (i.e. of being the adopted son) or from the adopted son, there shall be no liability.


 $\tau \boldsymbol{a} \boldsymbol{\mu} \boldsymbol{\mu} \lambda \iota o ́ \mu \epsilon \nu \mid a$.












 $\rho o \nu \delta \iota \delta o ̛ \mu \epsilon \nu$ ảl évpattal. |


XI.24-XII.35. Various supplementary regulations.
XI.24f. If one seizes a man before the trial, any one may receive him (i.e. may offer the man an asylum). -26 ff. The judge shall decide as is written whatever it is written that he shall decide according to witnesses or by oath of denial, but other matters he shall decide under oath according to the pleadings. See note to 1.11 ff - 31 ff . If one dies owing money or having lost a suit, thoseto whom it falls to receive the property may hold the property, if they wish to pay the fine in his behalf and the money to those to whom he owes it. But if not, the property shall belong to those who won the suit or those to whom he owes money, but the heirs shall
not be subject to any further fine. The father's property shall pay the fine for the father, the mother's property for the mother. - 46 ff . When a woman is divorced from her husband, if the judge has decreed an oath, she shall take the oath of denial of whatever one charges within twenty days, in the presence of the judge. -ôrt: oûtuos as in II. 50 . - XII. 21 ff . The heiresses, if there are no d $\rho \phi$ avodıкаoval, so long as they are under marriageable age, shall be treated according to what is written. In case the heiress, in default of a groom-elect or $\begin{gathered}\text { p } \phi a v o \delta ı к a-~\end{gathered}$ oral, is brought up with her mother, the father's brother and the mother's brother, those designated (above), shall manage the property and the income as best they




111. Gortyna. III cent. B.c. SGDI. 5011. Inscr. Jurid. II, pp. 329 ff. Halbherr, Am.J. Arch. 1897, 191 ff.






 $\mu \grave{\nu} \nu \dot{\eta} \mu \iota \nu a \nu[\tau \hat{\omega} \iota \nu \mid k a ́ \sigma] a \nu \tau \iota \delta_{o ́ \nu \tau \omega \nu}$, тà $\delta^{\prime} \eta^{\eta} \mu i ́ \nu a \nu[\tau a ̂ \iota ~ \pi o ́ \lambda \iota]$ ].
112. Hierapytna. III or II cent. в.c. SGDI. 5041. Michel 29.








can until she marries. She shall be married when twelve years of age or older.
111. Decree of Gortyna regarding the use of bronze coinage.

8 ff . One shall make use of the bronze coin which the state has established, and not accept the silver obols. If one accepts them, or is unwilling to accept the (bronze) coin, or sells for produce (i.e. trades by barter), he shall pay a fine of flve silver staters. Report shall be made
to the body of young men, and of this body the seven who are chosen by lot as supervisors of the market shall decide under oath.
112. Treaty between Hierapytna and Lyttos. This illustrates the mixed dialect sometimes known as East Cretan. See 278, 278.

1. Avtilous: note the interchange of assimilated and unassimilated forms,


























 oıs тòv| $\pi a ́ \nu \tau a ~ \chi \rho o ́ \nu o \nu ~ a ́ m \lambda o ́ \omega s ~ \kappa a l ~ a ̉ \delta o ́ \lambda \omega s, ~ \kappa a i ̀ ~ \tau o ̀ \nu ~ a u ̉ r o ̀ v ~ \phi i ́ \lambda o \nu ~$
 $\kappa a l$ тò $\delta i ́ \kappa a \iota o \nu ~ \delta \omega \sigma \hat{\omega} \kappa a l ~ \grave{\epsilon} \mu \mu \epsilon \nu \hat{\omega}$ èv тoîs $\sigma v \nu \kappa \epsilon \iota \mu e ́ v o \iota s, ~ \epsilon ่ \mu \mu \epsilon \nu o ̛ v-~$

2. 'Opdrplov: occurs as an epithet of Zeus in two other Cretan inscriptions. It is generally explained as standing for $f \rho d \tau \rho \omega$ with $\circ$ for $F$ as in "Oakos
( 51 a). The epithet would then be of
 16), or else contain hyper-Doric $\bar{a}$. -


## APPENDIX

## SELECTED BIBLIOGRAPHY OF WORKS OF REFERENCE WITH THE ABBREVIATIONS EMPLOYED

## Periodicals

A.M. = Mitteilungen des deutschen archäologischen Instituts. Athenische Abteilung.
Am.J.Arch. = American Journal of Archaeology.
Am.J.Phil. = American Journal of Philology.
Annual British School = Annual of the British School at Athens.
 péáas.
B.C.H. = Bulletin de correspondance hellénique.

Ber.Berl.Akad. = Sitzungsberichte der königlichen preussischen Akademie der Wissenschaften zu Berlin.
Ber.Såchs.Ges. = Berichte uber die Verhandlungen der königlichen såchsischen Gesellschaft der Wissenschaften zu Leipzig. Philologischhistorische Classe.
Ber. Wien.Akad. = Sitzungsberichte der kaiserlichen Akademie der Wissenschaften in Wien. Philologisch-historische Classe.
Berl.Phil.Woch. = Berliner philologische Wochenschrift.
Bz.B. = Bezzenberger's Beiträge zur Kunde der indogermanischen Sprachen.
Class. Journ. = Classical Journal.
Class.Phil. = Classical Philology.
Class.Quart. = Classical Quarterly.
Class.Rev. = Classical Review.
Diss.Argent. $=$ Dissertationes philologicae Argentoratenses selectae. Strass-- burg.

Diss.Hal. $=$ Dissertationes philologicae Halenses. Halle.
Eranos = Eranos. Acta philologica Suecana.

Glotta $=$ Glotta. Zeitschrift für griechische und lateinische Sprache.

Gött.Gel.Anz. = Göttingische gelehrte Anzeigen.
Gött.Nachr. = Nachrichten von der königlichen Gesellschaft der Wissenschaften zu Göttingen.
Greek Inscr.Brit.Mus. = The Collection of Ancient Greek Inscriptions in the British Museum.
Hermes = Hermes. Zeitschrift für classische Philologie.
I.F. $=$ Indogermanische Forschungen.
I.F.Anz. = Anzeiger für indogermanische Sprach- und Altertumskunde.
J.H.S. = Journal of Hellenic Studies.

Jb.arch.Inst. $=$ Jahrbuch des deutschen archäologischen Instituts.
Jb.f.Ph. = Jahrbücher für klassische Philologie.
K.Z. = Zeitschrift für vergleichende Sprachwissenschaft, begründet von A. Kuhn.
M.S.L. = Mémoires de la Société de linguistique.

Mon.Antichi = Monumenti antichi pubblicati per cura della reale accademia dei Lincei.
Mus.Ital. = Museo italiano di antichità classica.
NeueJb. = Neue Jahrbücher für das klassische Altertum, Geschichte und deutsche Literatur und für Pädagogik.
Oest. Jhrh. = Jahreshefte des oesterreichischen archäologischen Instituts in Wien.
Philol. = Philologus. Zeitschrift für das klassische Altertum.
Rev.Arch. = Revue archéologique.
Rev.de Phil. = Revue de philologie.
Rev.Et.Gr. = Revue des études grecques.
Rh.M. = Rheinisches Museum für Philologie.
Trans.Am.Phil.Ass. = Transactions of the American Philological Association.
Wiener Stud. = Wiener Studien. Zeitschrift für klassische Philologie.
Woch.f.klass.Phil. = Wochenschrift für klassische Philologie.
Zt.oest.Gymn. = Zeitschrift für die oesterreichischen Gymnasien.

## Texts and Commentaries

Cauer $=$ P. Cauer, Delectus inscriptionum Graecarum propter dialectum memorabilium. 2d ed. Leipzig 1883.
Ditt.Or. = W. Dittenberger, Orientis Graeci inscriptiones selectae. Leipzig 1903-1905.
Ditt.Syll. = W. Dittenberger, Sylloge inscriptionum Graecarum. 2d ed. Leipzig 1893-1901.

Hicks $=$ E. L. Hicks and G. F. Hill, Manual of Greek Historical Inscriptions. 2d ed. Oxford 1901. Hicks ${ }^{1}$ refers to the first edition.
Hoffmann = O. Hoffmann, Die griechischen Dialekte in ihrem historischen Zusammenhange mit den wichtigsten ihrer Quellen dargestellt. Göttingen.
I. Der südachäische Dialekt [Arcadian and Cyprian]. 1891.
II. Der nordachäische Dialekt [Thessalian and Lesbian]. 1893.
III. Der ionische Dialekt, Quellen and Lautlehre. 1898.

IG. = Inscriptiones Graecae consilio et auctoritate Academiae litterarum regiae Borussicae editae.
IV. Inscriptiones Argolidis, ed M. Fraenkel. 1902.
VII. Inscriptiones Megaridis et Boeotiae, ed. W. Dittenberger. 1892.
IX.i. Inscriptiones Phocidis, Locridis, Aetoliae, Acarnaniae, insularum maris Ionii, ed. W. Dittenberger. 1897.
IX.ii. Inscriptiones Thessaliae, ed. O. Kern. 1908.
XII.i. Inscriptiones Rhodi Chalces Carpathi cum Sàro Casi, ed. F. Hiller de Gaertringen. 1895.
XII.ii. Inscriptiones Lesbi Nesi Tenedi, ed. W. Paton. 1899.
XII.iii. Inscriptiones Symes Teutlussae Teli Nisyri Astypalaeae Anaphes Therae et Therasiae Pholegandri Meli Cimoli, ed. F. Hiller de Gaertringen. 1898.
XII.iii. Supplementa. 1894.
XII.vi. Inscriptiones Cycladum praeter Tenum, ed. F. Hiller de Gaertringen. 1903.
XII.vii. Inscriptiones Amorgi, ed. Delamarre. 1908.
XIV. Inscriptiones Siciliae et Italiae, ed. G. Kaibel. 1890.

Inschr.v.Magnesia $=\mathbf{O}$. Kern, Die Inschriften von Magnesia am Maeander. Berlin 1900.
Inschr.v.Olympia = Dittenberger-Purgold, Die Inschriften von Olympia. Berlin 1896.
Inscr.Jurid. = Dareste-Haussoullier-Reinach, Recueil des inscriptions juridiques grecques. Paris 1895 ff .
Michel = Ch. Michel, Recueil d'inscriptions grecques. Paris 1900.
Roberts = E. S. Roberts, Introduction to Greek Epigraphy. Part I. Cambridge 1887. Part II (with E. A. Gardner). Cambridge 1905. All references are to Part I, unless II is added.
SGDI. = Collitz-Bechtel, Sammlung der griechischen Dialektinschriften. Göttingẹn 1884 ff.
Solmsen $=$ F. Solmsen, Inscriptiones Graecae ad inlustrandas dialectos selectae. 2d ed. Leipzig 1905.

Ziehen,Leges Sacrae = L. Ziehen, Leges Graecorum sacrae e titulis collectae. Leipzig 1906.

## Lexicography

Fick-Bechtel $=$ Die griechischen Personennamen nach ihrer Bildung erklärt und systematisch geordnet. 2d ed. by A. Fick and F. Bechtel. Göttingen 1894.
Herwerden = H. van Herwerden, Lexicon Graecum suppletorium et dialecticum. Leyden 1892.
Herwerden,App. $=$ Appendix Lexici Graeci suppletorii et dialectici. Leyden 1894.
L.\&S. = Liddell \& Scott's Greek Lexicon. 7th ed. New York 1883.

Pape $=$ W. Pape, Wörterbuch der griechischen Eigennamen. 3d ed. Braunschweig 1884.
Searles $=$ Helen M. Searles, Lexicographical Study of the Greek Inscriptions. Chicago 1898.

Indo-European Comparative Grammar
Brugmann,Grd. = K. Brugmann, Grundriss der vergleichenden Grammatik der indogermanischen Sprachen. 2d ed. Strassburg 1897 ff.
Brugmann, Kz.V. Gr. = K. Brugmann, Kurze vergleichende Grammatik der indogermanischen Sprachen. Strassburg 1902-1904.
Delbrück,Vergl.Syntax = B. Delbrück, Vergleichende Syntax der indogermanischen Sprachen. 3 vols. Strassburg 1893-1900.

## Greek Grammar

Brugmann,Gr.Gr. = K. Brugmann, Griechische Grammatik. 3d ed. Munich 1900.
Goodwin = W. W. Goodwin, Greek Grammar. Revised ed. Boston 1892.
$\cdot$ Hirt = H. Hirt, Handbuch der griechischen Laut und Formenlehre. Heidelberg 1902.
Kühner-Blass = Kühner's Ausführliche Grammatik der griechischen Sprache. 3d ed. Part I, revised by Blass. 2 vols. Hannover 1890-1892.
Kühner-Gerth = Kühner's Ausführliche Grammatik der griechischen Sprache. 3d ed. Part II, revised by Gerth. 2 vols. Hannover 1898-1904.
G.Meyer = Gustav Meyer, Griechische Grammatik. 3d ed. Leipzig 1896.

## Greek Dialects - General Works

Ahrens $=$ H. L. Ahrens, De Graecae linguae dialectis. 2 vols. Göttingen 1839-1843.

Hoffmann $=$ Hoffmann, Die griechischen Dialekte. 3 vols. See above, p. 283.

Meister = R. Meister, Die griechischen Dialekte. 2 vols. Göttingen.
I. Asiatisch-Äolisch, Böotisch, Thessalisch. 1882.
II. Eleisch, Arkadisch, Kyprisch. 1889.

## Special Dialects

Attic
Meisterhans $=$ K. Meisterhans, Grammatik der attischen Inschriften, 3d ed. by E. Schwyzer. Berlin 1900.

## Ionic

Hoffmann (see above, p. 283) III. 1898.
Smyth = H. W. Smyth, The Sounds and Inflections of the Greek Dialects. Ionic. Oxford 1894.

## Arcadian and Cyprian

Spitzer, Lautlehre des arkadischen Dialektes. Kiel 1883.
Bennett, On the Sounds and Inflections of the Cyprian Dialect. Nebraska University Studies 1888.
Smyth, The Arcado-Cyprian Dialect, Trans. Am. Phil. Ass. XVIII, 59 ff. 1887.

Meister II, 123 ff. 1889.
Hoffmann I. 1891.
Meister I, 1 ff. 1882.
Hoffmann II. 1893.

## Lesbian

## Thessalian

Meister I, 287 ff. 1882.
Prellwitz, De dialecto Thessalica. Göttingen 1885.
Hoffmann II. 1893.
Solmsen, Thessaliotis und Pelasgiotis, Rh.M.LVIII,598 ff. 1903.
Boeotian
Meister I, 201 ff .1882.
Sadée, De Boeotiae titulorum dialecto, Diss.Hal.XVI,145 ff. 1903. References are to the pages of the separate issue.

## Delphian

Valaori, Der delphische Dialekt. Göttingen 1901.
Wendel, Register zu den Inschriften von Delphi, SGDI.IV,181 ff. 1901.
Locrian
Allen, De dialecto Locrensium, Curtius Studien III, 205 ff. 1870.

## Elean

Daniel, De dialecto Eliaca. Halle 1880.
Meister II, 1 ff. 1899.
Doric
Boisacq, Les Dialectes doriens. Paris 1891.
Laconian
Müllensiefen, De titulorum Laconicorum dialecto, Diss.Argent.VI, 131 ff . 1882.

## Heraclean

Meister, De dialecto Heracliensium Italicorum, CurtiusStudien IV, 355 ff . 1871.

Argolic
von Friesen, Ueber die Eigentümlichkeiten der argeischen Dialektinschriften. Upsala Universitets Årskrift 1897.
Hanisch, De titulorum Argolicorum dialecto. Göttingen 1903. Mlodnicki, De Argolidis dialecto. Brody 1906.

Corinthian
Kretschmer, Die griechischen Vaseninschriften, 16 ff.

## Megarian

Schneider, De dialecto Megarica. Giessen 1882.
Köppner, Der Dialekt Megaras und der megarischen Kolonien, Jb.f.Ph. Suppl.XVIII,530 ff. 1892.
Solmsen, Beiträge zur griechischen Wortforschung I, 93 ff. 1909.
Rhodian
Björkegren, De sonis dialecti Rhodiacae. Upsala 1902.
Coqn
Barth, De Coorum titulorum dialecto. Basel 1898.
Theran
Hauptrogel, Die dialektischen Eigentümlichkeiten der Inschriften von Thera. Cilli 1906-1907.

Cretan
Baunack, Die Inschrift von Gortyn. Leipzig 1885.
Herforth, De dialecto Cretica, Diss.Hal.VIII, 192 ff. 1887.

Kieckers, Die lokalen Verschiedenheiten im Dialekte Kretas. Marburg 1908.

## Pamphylian

Bezzenberger, Zur Beurteilung des pamphylischen Dialekts, Bz.B.V, 325 ff . Kretschmer, Zum pamphylischen Dialekt, K.Z.XXXIII,258ff.
Meister, Die Inschrift von Sillyon und der pamphylische Dialekt, Ber. Sächs.Ges.1904,1ff.
Meillet, La place du pamphylien parmi les dialectes grecs, Rev.Et.Gr. XXI, 413 ff .

## NOTES AND REFERENCES ${ }^{1}$

1. Interrelation of the dialects. Ahrens I, 1 ff . Collitz, Die Verwandtschaftsverhältnisse der griechischen Dialekte mit besonderer Rücksicht auf die thessalische Mundart,1885. Smyth,The Dialects of North Greece,Am.J. Phil.VII,421 ff.,1887: Hoffmann, De mixtis Graecae linguae dialectis, 1888. Hoffmann I, 1 ff ., 1891. Solmsen, Thessaliotis und Pelasgiotis,Rh.M.LVIII, 598 ff., 1903. Id., Eigennamen als Zeugen der Stammesmischung in Boeotien, Rh.M.LIX,481 ff.,1904. Meister, Dorer und Achäer I, 1904. Thumb, Dialektforschung und Stammesgeschichte, Neue Jb. 1905, 385 ff. Buck, The Interrelations of the Greek Dialects, Class. Phil. II, $241 \mathrm{ff} ., 1907$. Kretschmer, Zur Geschichte der griechischen Dialekte, Glotta I,4ff., 1907.

Cf. also the brief statements in the histories of Busolt, $\mathrm{I}^{2}, 192 \mathrm{ff}$.; E. Meyer,II, 74 ff., $264,284 \mathrm{ff}$.; Bury, 47 ff ., 53 ff .; also Wilamowitz, Herakles ${ }^{2}$ I. 6 ff . Beloch's extreme skepticism toward the tradition, and particularly his denial of the Doric migration, has fortunately found few adherents among

[^24]the historians and none among students of the dialects. See Buck, Am.J. Phil.XXI, 319.
P. 2, note 2. The " much more problematical" view referred to is that of Kretschmer in the article cited above. Skepticism is now expressed also by Solmsen, Beiträge zu griech. Wortforschung I, 93, note 2.

Pp. 6, 7. As a general term covering the Aeolic and the Arcado-Cyprian or Achaean group, and corresponding to the use by some scholars of either Aeolic or Achaean in a wider sense, "Central Greek" has been proposed by Thumb in the article cited above, but has not met with favor. We prefer to differentiate the Aeolic of the north and the Achaean of the south, while recognizing their striking affinities, and, when a term covering both is desired, to speak simply of Aeolic-Achaean.
P. 6, note. The view referred to is that which is elaborated from the archaeological standpoint by Ridgeway, Early Age of Greece, and from the linguistic standpoint by Meister, Dorer und Achảer. Against this cf. Ed. Meyer II, 72 "Von archaeologischer Seite hat man mehrfach eine 'vorachaeische' Bevölkerung und Cultur des Peloponnes und eine achaeische Einwanderung Jahrhunderte vor der dorischen construiert. Das sind reine Luftgebilde, über die eine Discussion unmöglich ist, da ihnen jede historische Grundlage fehlt''; and, on the linguistic side, Fick, Woch.f.Klass. Phil. 1905, 593 ff.; Thumb, Neue Jb. 1905, 385 ff.; Schwyzer I. F. Anz. XVIII, 46 ff.; Buck, Class.Phil.II, 245 , note.

Pp. 8 ff . No mention is made of Macedonian, which, so far as we can judge from the scanty remains, is a form of Greek, but detached at such an early period that it is best not classed as one of the Greek dialects in the ordinary sense. Yet it shows some notable points of agreement with the neighboring Thessalian. Cf. Hoffmann, Die Makedonen.
3. Kuhner-Blass $I, 26 \mathrm{ff}$. and the literature cited.
4. Kirchhoff, Studien zu Geschichte des griechischen Alphabets, 4thed. Roberts,Introduction to Greek Epigraphy. Larfeld, Handbuch der griechischen Epigraphik, 316 ff. Fr.Wiedemann, Zt. oest. Gymn. LVIII, 222 ff., LIX, 673 ff .; Klio VIII,523 ff.
4.4. On $T=\sigma \sigma$ see Foat, J.H.S.XXV, 338 ff ., XXVI, 286 ff . тéra( $\rho$ ) pes etc. in the sixth-century inscription of Ephesus (Hogarth, Excavations at Ephesus, 122 ff .) removes all suspicion from the reading [ $\theta$ ]a $\lambda^{\prime}{ }^{\prime} r \eta s$ at Teos (no. $3 \mathrm{~B} 22-23$ ).
5. Buck,Class.Phil.II, 275 ff ., and, for further Lesbian examples, Hoffmann II, 355 ff .
8. Brugmann Gr.Gr.29, 32. Hatzidakis, K.Z. XXXVI, 589.
9. Solmsen,K.Z.XXXII, 513 ff.; Rh.M.LVII, 600 ff. $\theta$ Lapós occurs in two late decrees of Corcyra and Epidamnus (Inschr.v.Magnesia, nos.44,46).
9.2 a. Sadée, De Boeot. tit. dial., 80.
10. The change of $\dot{\varepsilon} v$ to $i v$ has nothing to do with the position before vowel or consonant, as was once thought, but is probably due to the proclitic character of the word. Once established, iv passed over to the compounds regardless of their accent. With regard to $\dot{a} \pi \epsilon \chi o \mu i v o s ~ e t c ., ~ t h e ~ \epsilon ~ w a s ~ u n a c-~$ cented in the nom., and possibly in these acc. forms (our accentuation of them as - $\mu$ ívos is merely for convenience, see $103 a$ ). But other examples of $\iota$ are lacking even for unaccented syllables (cf. é $\delta \kappa$ cáбapev also in no.16), and without further material it is useless to attempt any more precise formulation of the conditions. Cf. Solmsen, Bz. B. XVII, 335 ; K. Z. XXXIV, 451. Baunack, Ber.Sächs.Ges.1893,118. Buck, Class.Phil.II,268.

It is not accidental that Pamphylian, which agrees with Arcado-Cyprian in several important features (see p. 8, note), has not only inódu $=\dot{\epsilon} v \boldsymbol{\pi}^{\prime}-$ dec, but also regularly is $=\boldsymbol{\epsilon}$ s, cis, and that is also occurs several times at Vaxos, but rarely elsewhere. Cf. Meister, Ber.Sächs.Ges.1904,23.
11. Kretschmer,K.Z.XXXI, 375 ff . For ioría cf. also Solmsen, Untersuchungen zur griech. Laut- und Verslehre, 191 ff ., 213 ff .; Sommer,Griech. Lautstudien, 94 ff.; Ehrlich, K.Z.XLI, 289 ff.; Buck, I.F.XXV, 257 ff.

For Att. $\chi^{i} \lambda_{c o c}\left(c f\right.$. also 76, 117) the assumed ${ }^{*} \chi^{i} \lambda_{100}$ may be dispensed with, if we adopt the view of Wackernagel, I.F.XXV, 329, that $\overline{\boldsymbol{\epsilon}}$ in $\overline{\mathbf{\epsilon}} \boldsymbol{\lambda}_{\iota}$ gives Att. ì $\lambda$ c by assimilation, for which he cites also Att. Mi $\lambda_{\text {ícos for }}$
 cusses the change of $\bar{\varepsilon}$ to $\overline{\bar{c}}$ in í $\mu$ ároov, which is the regular spelling in Attic, while elsewhere we find the spelling to be expected (cf. cifa), namely $\frac{\mathfrak{c}}{\boldsymbol{\epsilon}} \mu \mathrm{a}^{\prime}-$

12. Cf. also the ethnicon Пapó $\theta$ ©os, SGDI. $2524=\Pi$ еро́х $\theta$ cos, A.M. XXXII, 65.

A similar change before $\lambda$ appears in $\Delta a \lambda \phi ⿺ 𠃊 o ́ v$ of the earliest Delphian coins and $\Delta a \lambda \phi \boldsymbol{i}^{\prime}$ of an unedited Delphian inscription. Cf. Perdrizet,Rev. Et.Grec. XI, 422.
13. Buck, Class.Phil.II, 253 ff.
13.3. Boeot. тока, оvँтока occur in the new fragments of Corinna.
17. Schulze, Gött.Gel.Anz.1897, 904.
19. Solmsen, K.Z.XXXIV,554 ff.; Rh.M.LVIII,612,LIX,493 ff. Buck, Class.Phil.II,270.
20. For 'A $\mu \phi \iota \kappa \tau$ íoves, 'A $\mu \phi \iota \kappa \tau$ v́veses, see Kretschmer, K.Z.XXXI,429,669. For aíধцváras, aiov $\mu \nu \eta_{\tau} \tau \boldsymbol{\eta}$, see Solmsen, Beiträge zur griech. Wortforschung

I,58ff., where $\mu$ ólv $\boldsymbol{\beta} \delta \delta_{o s}$ beside $\mu$ álıßos and some other similar cases are discussed.
28. Until there is other evidence that Meg. $E$ is used for the genuine dipththong $\boldsymbol{c}$, the forms $\tau \in \delta \in$ and $a \lambda_{E}$ of the early Megarian inscription (Wilhelm, A.M. XXXI, 89 ff.; cf. Solmsen ibid. 342 ff.; Baunack, Philologus LV, 474; Keil, Gött.Nachr.1906,231 ff.; Schwartz, ibid. 240 ff.), though taken as têfé and ällề by Keil, are best understood, with Solmsen, Beitrăge zur griech. Wortforschung I,96, as $\uparrow \hat{\eta} \delta \epsilon$, which occurs IG. VII.52, and ${ }^{2} \lambda_{\eta}{ }_{\eta}$. Cf. 132.6, where they are so cited.

28a. The lexicons give ékriots, doubtless because of $\boldsymbol{\tau}$ tocs. But there is no evidence that the penult was short, and, while the word seems not to occur in the Attic inscriptions, the spelling ékrevis is decidedly the more usual in the papyri (Mayser, Gram.d.Papyri, 91), thus agreeing with Ion.
 of the strong grade of the root is due to the influence of the verbal forms.

34 a. For $\tau \overline{0} \tau о=$ тои̂ro, cf. Kretschmer, K.Z.XXXIX, 553 ff.
35 a. Cf. Schulze, Quaestiones Epicae, 52 ff.; Gött.Gel.Anz.1897, 904. Hoffmann II, 430 ff. Solmsen, Untersuchungen zur griech. Laut- und Verslehre, 168 ff .
38. For Attic cf. Meisterhans 87 ff.
39. For Attic cf. Meisterhans 36 ff.
41.1a and 94.6. Cf. Buck, Class. Phil. II, 263 ff. , where Arc. $\kappa \frac{\dot{\bar{c}} \pi i,}{}$ A.M. XXXI,229, was overlooked; and most recently, on the situation in Lesbian and Boeotian, Nachmanson, Glotta II, 135 ff. But further inscriptional evidence is wanted before the question can be regarded as settled.
41.2. For $\omega$ from $a_{0}$ in all dialects, not West Greek $\bar{a}$, cf. Buck, Am.J. Phil.XXI,321; Ehrlich, K.Z.XL, 355 ff. Otherwise Jacobsohn, Philologus LXVII,35. For Boeot. इavkpá̃ess etc. cf. also Buck, I.F.XXV, 262 ff.
41.4. It is the prevailing view that original $\bar{a}_{f} o$ or $\bar{a}_{f} \omega$ gives Att. $\epsilon \omega$, never $\omega$, and that e.g. Att. $\tau \mu \omega \rho o ́ s$, кotvஸ́v must be from * * $\tau \mu a ̆$-fooós or
 B.XV,169; Eulenberg,I.F.XV.138. Against this rightly Ehrlich,K.Z.XL, 354 ff ., although the conditions governing the distribution of Att. $\epsilon \omega$ and $\omega$ are still in part obscure.
41.4 a. Hoffmann III,281,522; Smyth 343 ff.; SGDI.5278,5311.
41.4 c. Buck, Glotta I, 131 ff .
42.1. For Dor. $\boldsymbol{\eta}$ even from $\epsilon_{f} a$, cf. also Ahrens II, 193 ; Kühner-Blass I, 203; Thumb, Griech. Sprache im Zeitalter des Hellenismus, 93 ff.; Zupitza, K.Z.XLII,75. The change is not merely late Doric. Aside from $\bar{\eta} \rho, \beta \lambda \hat{\eta} \rho$ in Alcman, $\kappa \rho \eta \bar{s}$ in Aristophanes, etc., some of the inscriptional examples
are very early, e.g. Ther. K $\lambda_{\eta \gamma o ́ \rho a s ~ I G . X I I . i i i .1461 . ~ D e l p h . ~ e ̀ v \imath \eta, ~ n o t ~ p r e-~}^{\text {n }}$ viously quoted, occurs B.C.H.XXVII,22,26.

Like Rhod. 'A $\gamma \hat{\eta} \nu \alpha \xi$ also Ion. ${ }^{\text {'H }} \boldsymbol{\gamma} \hat{\eta} \nu a \xi$ SGDI.5616.13 (Smyrna), 'A $\rho \chi \hat{\eta} \nu a \xi$ ibid. $5471 b$ (Thasos) in contrast to 'ApXé́vaктos ibid. 5691 (Erythrae).
42.2. For Dor. $\eta$ from $\epsilon \bar{\alpha}$ cf. also Kühner-Blass I,203; Bechtel, Bz.B. XXI,231; Björkegren, De sonis dial. Rhod.,50; Solmsen, Berl.Phil.Woch. 1904,662; Wilhelm,Oest.Jhrb.IV,80(Arc. Пavฑ̂s = Meg. Mavéas). Note also Arg. Tpvyŋ̂s, our no. 82.
42.5 a. Sadée, De Boeot. tit. dial., 84 ff.
42.5b. For $\omega \boldsymbol{\omega}$ in Tarentine writers, e.g. $\tau \boldsymbol{i} \omega \mathrm{\omega}=\boldsymbol{\tau} \boldsymbol{\epsilon} \boldsymbol{\sigma}$, quoted from Rhinthon, cf. Solmsen, K.Z.XXXII,544.
 K.Z. XXXII, 532 ff . Delph. тоєóvт $\omega v$, Heracl. тою́vтабб८, Buck, Glotta I, 130. Mess. тotóvtı occurs Inschr.v.Magnesia 43.29.
42.6. Delph., Heracl. $\pi \boldsymbol{\sigma} \omega \hat{\nu} \tau \iota$, Buck, Glotta I,129.
44.1. It is commonly held that oa gives West Greek $\bar{a}$. But cf. Buck, Class.Phil.II, 255 ff.
46. J. Schmidt, K.Z.XXXII, 321 ff.
49.1. II]oтoidavl, A.M.XXXII,304.
49.3. ódelós is also attested for Achaean, 'E $\phi$.'A $\rho \mathbf{X} \cdot 1908,97$. It was doubtless common to all the West Greek dialects.

50-55. Thumb, Zur Geschichte des griechischen Digamma, I.F.IX, 294 ff.
51. Meister, Dorer und Achäer I, 38 ff.,58, 87 ff.

52 a. J.Schmidt,K.Z.XXXIII,455 ff. Solmsen,K.Z.XXXII, 273 ff.; Untersuchungen zur griech. Laut- und Verslehre, 186 ff.
$52 b, c$. Thumb, I.F.IX, 336 ff.; I.F. Anz.XIV, 9, XIX,19. Solmsen, Untersuchungen zur griech. Laut- und Verslehre, 187 ff . Sommer, Griech. Lautstudien, 90 ff .
54. Wackernagel, K. Z. XXV, 260 ff . Kretschmer, K. Z. XXI, 440 ff . Schulze, QuaestionesEpicae,8ff.,84ff.,352ff. HoffmannIII, 372,391 ff., 407 ff . Solmsen, Untersuchungen zur griech. Laut- und Verslehre, 181 ff ., 302 ff .

The history of $\sigma_{f}$ in fífos etc. is so nearly parallel to that of $\nu_{f}$ etc. that it has been included in the same tabular representation. But it is not wholly identical. In Cretan the $\mathcal{F}$ of $\sigma_{F}$ survives longer than that of $\nu_{f}$
 haps also in the case of Hom. Itos and vovoos, on which most recently Jacobsohn, Hermes XLIV, 79 ff.
55. $\beta \rho=f \rho$. Solmsen, Untersuchungen zur griech.Laut- und Verslehre, 175 ff .

57, 58. Thumb, Untersuchungen über den Spiritus Asper. Sommer, Griech. Lautstudien.

58b. In connection with Argol. iapós mention should have been made of iкéras, no. 75. Cf. Sommer l.c., 24.
59.1. Meister, Dorer und Achäer I, 7 ff. Meister's view that the change was restricted to Sparta is untenable. A new exception is our no. 69. See also p. 288.
59.2. Meister ibid. 55 ff .
60. Weisschuh, De rhotacismo linguae Graecae.
60.1. Meister II,49 ff.
60.3. HoffmannIII, 576 ff.
61. Kretschmer, K.Z.XXXII,513 ff. Buck, Class.Phil.II,247 ff.
61.6. $\ddot{\eta} \mu \omega \sigma o s(\tau \grave{~} \dot{\eta} \mu \dot{\mu} \sigma v)$ in Phocis, Rhodes, and Astypalaea is probably

63. On Cret. Iúrcos, Meister, Dorer und Achäer I, 78 ff.
64. Meister, Dorer und Achäer I, 25 ff.
67. Kretschmer, K.Z.XXII,426 ff. Jacobsohn, K.Z.XLII,264 ff.
68. Brugmann, Gr.Gr. 112 ff., with literature cited.
68.2. In calling the $\gamma$ of $\gamma$ '́ $\phi$ vpa unexplained I had overlooked for the moment the probable explanation that it is due to dissimilation from the $\phi$. So also Dor. $\gamma \lambda$ ém $\omega$ (Alcman), $\gamma \lambda$ é $\alpha a \rho o \nu($ Alcman, Pindar, etc.) $=\beta \lambda$ ém $\omega$, $\beta \lambda$ éфapov. Cf. Solmsen, Ueber dissimilations- und assimilationserscheinungen bei den altgriechischen gutturalen, 5; Mansion, Les gutturales grecques, 60.
68.4 a. Sav́रva is now attested for Cyprian also. Cf. Davðvaфopió, Meister, Ber.Sächs.Ges.1908,2 ff.
69.3. Schulze, K.Z.XXXIII,318ff. Kretschmer, K.Z.XXXV,608.
 of Corinna.

71 a. Brugmann, Gr.Gr.80. Jacobsohn, K.Z.XLII, 274.
72. Solmsen, A.M. 1906, 347 ff.; Beiträge zur griechischen Wortforschung $\mathrm{I}, 106 \mathrm{ff}$.

73 ff . On relics of Aeolic $\boldsymbol{v} \boldsymbol{v}$ etc. in Chios and other once Aeolic, later Ionic, territory in Asia Minor, see $184 a$; at Eleusis ('I $\left.\mu \mu a^{\rho} \rho a \delta o s\right)$, Solmsen, Rh. M.LVIII, 623 ; in Macedonian, Solmsen, I. F.VII, 48, Hoffmann, Die Makedonen, 125 ff .
76. On the difficult question whether in the intermediate stage of the development of $\sigma \mu$ etc. $\sigma$ became $z$ or $h$, cf. Sommer, Griech. Lautstudien, 25 ff . and the literature cited.
77.2. $v \sigma+$ consonant may arise in new formations and undergo the same development as secondary intervocalic vo. Cf. Lesb. eikourtos, $116 a$, and

77.3. áv'́кouoav etc. in a late inscription of Cyrene I suspect of being an artificial, not an inherited, Aeolism. Cf.Class.Phil.II.272.
80. For $\rho \rho$, especially in Boeotian, cf. Solmsen, Rh.M.LIX, 486 ff . But in just what dialects, besides Attic, West Ionic, Arcadian, Elean, and Theran, $\rho \rho$ is to be recognized as normal, cannot be determined with any certainty from the existing evidence. In some dialects where we find a few examples both of $\rho \rho$ and of $\rho \sigma$, or even of $\rho \sigma$ only, the latter may be so late as to be easily attributable to кow ${ }^{\prime}$ influence. But it is also possible that in some dialects $\rho \rho$ was only an occasional colloquialism and that $\rho \sigma$ was preserved, even without external influence, in careful speech. Cf. 86, p. 68. The isolated кáppwv (also in Tim. Locr. and Plut. Instit. Lac.) is especially significant. But we do not feel warranted as yet in assuming that $\rho \rho$ was common to the West Greek dialects in general.
81. For $T=\sigma \sigma$ in Ionic, cf. 4.4.

81 a. On late Cretan $\theta$ ára日Өa etc., cf. Thumb,Neue Jb.1905,391; Meister, Dorer und Achäer I, 68 ff . But against the latter's understanding of $\epsilon \gamma \rho a \pi \sigma \epsilon$ of the Law-Code as $\dot{\epsilon} \gamma \rho \dot{a}^{\pi} \pi \sigma \bar{\epsilon}=\dot{\epsilon} \gamma \rho \alpha^{\prime} \phi \theta \eta$, cf. Jacobsthal,I.F.XXI, Beiheft,18ff.

81 b. Schulze, Gött.Gel.Anz.1897,900 ff.
82. Lagercrantz, Zur griech. Lautgeschichte, 19 ff. For $\sigma \sigma$ add Coan ö $\sigma \sigma o s$, Calymn. סuxaбб́́ $\omega$.
84. On the question of Megarian $\delta \delta$ or $\zeta$, cf. Lagercrantz, Zur griech. Lautgeschichte, 27. Meister, Dorer und Achăer I, 160. Earlier inscriptional evidence is needed to settle the matter.

The Rhodian vase with the inscription containing $\Delta c u ́ s$ is now published by T. L. Spear in Am.J. Phil. XXIX,461 ff. There seems to be no reason to doubt its Rhodian provenance.

84 a. Note also Boeot. фра́тгш (Corinna) = фра́ஞ $\omega$.
85.1. Buck, Class.Phil.II,266, with literature cited.

86 and 96. Mucke, De consonarum in Graeca lingua praeter Asiaticorum dialectum Aeolicam geminatione.
87. On סákrvגos, cf. Brugmann, I.F.XI,284 ff.
88. Kretschmer, K.Z.XXXIII, 603 ff.
89.1. G. Meyer, 304 f . A sixth-century inscription of Ephesus (Hogarth, Excavations at Ephesus, 122 ff .) shows a doubling of dentals after a conso-


89.3. Solmsen, Untersuchungen zur griech. Laut- und Verslehre, 165 ff .
89.5. Brugmann, Grundriss II.i, 44 ff., with literature cited.
91. Allen, Greek Versification in Inscriptions, 126 ff.
94. Lucius, De crasi et aphaeresi, Diss.Arg.IX,351 ff. Kühner-Blass I, 218ff. Meister, Herodas, 778 ff .
94.1. The type of crasis seen in tápuctepóv, that is really elision as we

 is disputed, cf. IG.IV.1203. Cf. also Rhod. ' $A \mu \boldsymbol{\mu} \beta$ íxō ( $\delta$ ' ${ }^{\prime} A \mu$-), no. 97 ;

94.6. See above, p. 290.
94.7, end. In view of the frequent elision in Argolic (above, note to 94.1), Aegin. hoîkos is more probable than hốkos.
95. Günther, Die Präpositionen in den griechischen Dialektinschriften, I.F.XX, 37 ff. Solmsen, Rh.M.LXII, 329 ff. Kretschmer, Die Apokope in den griechischen Dialekten, Glotta I, 34 ff.
$\pi \dot{\varphi} \varphi$ before vowels, as in Delph. $\pi \dot{\varphi} \rho o \delta o s, ~ o c c u r s ~ a l s o ~ i n ~ T h e s s . ~ \pi \grave{\rho} \rho ~ i e p o i ̂ v, ~$
 new Corinna fragments, and in the Locrian or Aetolian ethnicon Hepóx $\theta$ eos A.M.XXXIII,30.

102. Sommer, Zum inschriftlichen $\boldsymbol{w} \mathbf{\imath} \dot{\text { é }} \boldsymbol{\text { eגкuatıóv, Festschrift zur }} 49$. Versammlung deutscher Philologen und Schulmänner, Basel 1907.
105.1a, 2b. Solmsen, Rh.M.LIX,494 ff.
106.1 a. Thess. - a from -ow, Ahrens I, 222; Hoffmann II, 533; J.Schmidt, K.Z.XXXVIII,29 ff.; as original locative, Brugmann, Gr.Gr.225; as original genitive in $-\alpha$ and cognate with Lat. $-i$, etc., Kretschmer, Glotta I, 57 ff. I am convinced of the correctness of the first-named view, as preferred in the text. -ow occurs IG.IX.ii.458,459,511,1036.

On Cypr. $-\bar{o} v$, E. Hermann, I.F.XX, 354 ff., but the explanation is not convincing to me.
106.2. On distribution of -ot, Buck, Class.Phil.II,266.
107.1. Keil, Gött.Nachr. 1899,151 ff.
107.3. On -єббt, Buck, Class.Rev.XIX,249 ff.; Class.Phil.II, 273 ff. On -as (cf. also 226, 279), G. Meyer 475, and most recently Sommer, I.F.XXV, 289 ff.
107.4. Buck, Class.Phil.II, 266 ff., with literature cited.

Cret. Avjatépavs etc. It is of course not accidental that the analogical introduction of -avs beside -as (Ourarépas also occurs) is found in just that dialect in which the $\bar{\alpha}$-ttems show by-forms in -avs and -as (104.8).
108.2. On the question of Thess. ${ }^{\text {. }}$ ITлокрáteıs etc., cf. Hoffmann, Philologus LXI, 245,LXII, 155 ff.; Bechtel, Hermes XXXVII, 631 ff .

Boeot. Mévé etc. (full material in Sadée, De Boeot. tit. dial., 50 ff.) are generally taken as $\boldsymbol{\tau}$-stem forms, either vocatives or nominatives without s . Cf. Kretschmer,K.Z.XXXVI,268 ff.; Meister,Ber.Sächs.Ges.1904,32. But as forms in $\eta$ are not found in the dialects which keep the $\tau$-inflection, while vocatives in $\eta$ from $\sigma$-stems are known and Boeotian shows the $\sigma$ inflection in other case-forms, we prefer to assume that these forms too belong to the adopted $\sigma$-stem type. Still different views, but too general and vague to carry conviction, are expressed by Sadée l.c., and Solmsen, Berl.Phil.Woch.1906,181.
111.4. $-\eta$ 's is probably not from - $\eta v s$, like $\beta \hat{\omega} \mathrm{s}$ beside $\beta$ ồs from * $\beta \omega v$ s (37.1), but owes its $\eta$ to the analogy of $-\eta$ os etc. Dat. pl. Mavrıvé $\sigma t$ in an Elean decree (SGDI.1151.17) shows a similar extension of $\eta$ at the expense of $\varepsilon v$, and is perhaps the Arcadian, rather than a true Elean, form.
112.6. Cf. Lac. dual è $\pi$ áкоє beside émaкóō, no. 67, note.
114.1. The new fragments of Corinna bring the first evidence of $u_{a} a$ in Boeotian. On the use of Cret. iós, Buck, Class.Phil.I, 409 ff . On $\pi \rho \hat{\omega} \tau \sigma$, $\pi \rho a ̂ \tau o s$, Buck, Class.Phil.II, 255 ff.
114.3. With $\tau \rho$ îs as nom., and $\tau$ т́тopes as acc. (107.4), cf. тétopas as nom. in inscriptions of Tauromenium, SGDI. 5223 ff .
114.5. $\pi$ evtós is attested also for Amorgos (IG.XII.vii.301.5), but here it is due to the analogy of $\pi$ 'ध $v \tau \epsilon$, not to assimilation of $\pi \tau$ to $\tau \tau$ as in Crete.
116. On Lesb. cïkơбтos etc., Buck, Class.Rev.XIX,242 ff. Thess. Їкобтоs occurs IG.IX.ii.506.47.
119.2 a. J. Sohmidt, K.Z.XXXVI, 400 ff.
122. On the distribution of $\tau 0 i$ and oi, cf. Solmsen, Rh,M.LX, 148 ff .; Buck, Class.Phil.II,253. But the West Thess. toí there mentioned is to be taken as dat. sg. $\tau \hat{\bar{c} \iota}$ as read IG.IX.ii. 241.
123. Cf. also Thess. oivve, IG.IX.ii.460.5.
125.1. Buck, Class.Phil.II, 259 ff.
126. Elean should have been mentioned among the dialects which show the relative use of the article. Cf. no. 60.11,12.
129.2a. On Locr. fórı, cf. Wackernagel,Rh.M. XLVIII, 301 ff.; J. Schmidt, K.Z.XXXIII, 455 ff.
129.3. Buck, Class.Rev. XIX,247.
132.2. Buck, Class.Phil.II, 256. While it would be not at all surprising to find ö $\pi \epsilon c$ etc. in other dialects than West Greek and Boeotian (cf. $224 a$ ), we know no certain examples as yet. Arc. $\tau[\epsilon] c \delta \in v i$, as read by Wilhelm, A.M.XXXI,228, is very doubtful.
132.4. J. Schmidt, K.Z.XXXII,412 ff.
132.9. Buck, Class.Phil.II,255. Boeot. тока, ov̉тока are now attested in the new fragments of Corinna. Lac. öкка, ' ${ }^{\prime} \phi$.' ${ }^{\prime} \rho \boldsymbol{\rho}$. 1900,159.
132.9 a . Cret. as always means so long as, never until. Cf. Jacobsthal, I.F.XXI, Beiheft,118. So in Heraclean (Heracl.Tab.I.100), until being expressed by äxpe $\dot{\oplus}$.
133.5. Delph. *'sos (not in Wendel's Index) B.C.H.XXII, 321.

135, 136. Ivy Kellermann, On the Syntax of some Prepositions in the Greek Dialects (Chicago dissertation). Gunther, Die Prapositionen in den griechischen Dialekten, I.F.XX,1 ff.
135.4. Buck, Class.Phil.II, 264, with literature cited.
135.6 a. Of the numerous discussions of the relation of $\pi \rho \rho^{s}$ to $\pi \rho o \tau^{\prime}$ the most recent is that of Jacobsohn, K.Z.XLII,279 ff.
135.6 b. J. Schmidt, K. Z. XXXVIII, 17 ff. Thumb, Neue Jb. 1905, 396. Zubatý, I.F. Anz.XXII, 59 ff. Kretschmer, Glotta I, 41 ff.
136.2. In addition to Miss Kellermann 1.c., 75, and Günther 1.c., 132, cf. Solmsen, Rh.M.LXI,495 ff.
136.8. On Delph. àvrì féteos, Buck, I.F.XXV, 259 ff.
136.11 (addition). inó instead of usual $\dot{\boldsymbol{e}} \pi \boldsymbol{i}$ with gen. in expressions of dating occurs with gen. in Elean (no. 61.2), and with acc. in Laconian (no. 66.66).
138.3. Buck, Class.Phil.II,256 ff.
139.2. For $-\nu \theta_{0}$ etc. we prefer the older explanation, as given in the text, to Schulze's suggestion quoted by Sadée, De Boeot. tit. dial., 23.
141. Buck, Class.Phil.II,257 ff., with literature quoted.
142. Buck, Class.Phil.II, 251 ff.
143. Schulze, K.Z.XXXIII, 126 ff.

146.1. $\lambda e \lambda a ́ \beta \eta \kappa \alpha$ is also Arcadian, cf. no. 18.14.
147.3a. Solmsen, K.Z.XXXIX,210.
148. G.Meyer,203,413. Meisterhans 169. Hatzidakis',A $\theta_{\eta \nu \hat{a}}$ VIII,458ff.
150. Schulze,Hermes $\mathbf{X X}, 491 \mathrm{ff}$. Solmsen, Rh.M.LIX, 161 ff . Until recently all the known East Ionic examples were from Chios, Teos, or Eryth-
 Inst.1906, Anz.,16.
151.1. On aor. subj. $\sigma \bar{\alpha}$ cf. Solmsen, Rh.M.LXI, 164 ff. That Arc. $\beta \omega \lambda$ ev́$\sigma a v r a u$, Inschr.v.Magnesia 38.46, wrongly corrected to $\beta \omega \lambda \epsilon^{\prime} \sigma(\omega)$ vrau by Kern, belongs here, is pointed out by Meister, Ber.Sächs.Ges.1904,10, and had also been recognized independently by me. But Epid. $\pi \alpha \neq{ }_{\eta} \sigma a$, reckoned here by Solmsen, I prefer to regard as an optative (177).
151.2. There is no certainty that Thess. סuváétal (no. 27) and Arc. ка-
 though we regard the former as more probable. The Arcadian form is also taken by some as какр $\theta \hat{\bar{\epsilon}} \overline{\tilde{\epsilon}}$, and the contracted $\dot{\epsilon} \sigma \delta o \theta \hat{\eta}$ occurs in the later no. 18.52.
152.4. A still different type, with the optative sign added directly to $\sigma$, is seen in Cret. fépкбוev SGDI.4982, and also in סoanúouav ibid.5004, if the latter is really an optative.
157. Hoffmann I,263 ff., II, 574 ff. Buck, Class.Phil.II, 274 ff.
158. Buck, Class,Phil.II, 265.
159. In Delphian there are several other examples of - $\omega \boldsymbol{\omega}$ (see Wendel's Index 190 ff .) but none certain of $-\eta^{\prime} \omega$. For $\sigma v \lambda \eta^{\prime}{ }^{\prime}$ among over two hundred instances of $\sigma v \lambda$ éoves, is perhaps only a graphic variant. Cf. J.Schmidt,Pluralbildung d.idg.Neutra, 329. For Boeotian add
 Eleusis, but here only as the result of the confusion between $\alpha$ and $\omega$ (Meisterhans 66). It is not clear whether the late Lesb. тímaц, oreфávou are from $-\bar{\alpha} \epsilon,-\omega \epsilon \iota$ or from -act, -oe (in either case we should expect $\sigma \tau \epsilon \phi a \omega \hat{\omega}$ ), or are simply the Attic forms and to be accented $\tau \iota \mu \hat{\alpha}$, бтeфavoi.
161.1. J.Schmidt, Ber.Berl.Akad.1899,302 ff.
161.2. J.Schmidt,Pluralbildung der idg.Neutra, 326 ff. For Dor. $\mu \circ \chi$ á $\omega$

164.3. For -arts cf. Buck, Class.Rev.XIX, 244 ff.
164.7. Solmsen, Beiträge zur griech. Wortforschung I, 116 ff .
164.8. Buck,Class.Phil.II,267. Jacobsohn, Philologus LXVII,29. Solmsen, Beiträge zur griech. Wortforschung $I, 98 \mathrm{ff}$.
165.4. The origin of this class, which is of course to be distinguished-
 (41.4), is obscure. Cf. Brugmann, Grundriss II, 301.
166.1. Buck, Class. Phil. II, 267. Solmsen, Beiträge zur griech.Wortforschung I, 98 .
166.2. Solmsen, Rh.M.LIX, 498 ff .

168 a-d. Sadée, De Boeot. tit. dial. 17 ff. Solmsen, Rh. M. LVIII, 603 ff., LIX, 596 ff .

169-178. Among the few special studies of dialectic syntax, beside those on the use of prepositions already cited (p. 296), may be mentioned : K. Meister, Der syntaktische Gebrauch des Genetivs in den kretischen Dialektinschriften, I.F.XVIII, 133 ff.; Rüttgers, De accusativi, genetivi, accusativi usu in inscriptionibus archaicis Cretensibus, Bonn 1905; Jacobsthal, Der Gebrauch der Tempora und Modi in den kretischen Dialẹktinsçhriften,I.F,

XXI,Beiheft; Edith Frances Claplin, The Syntax of the Boeotian Dialect (Bryn Mawr dissertation).
174. Jacobsthal, l.c., 87 ff., whose Arcadian examples, however, should be replaced by those given in our text.
176. Jacobsthal, l.c., 93 ff.
177. Jacobsthal, 1.c., 90 ff.
178. Jacobsthal, l.c., 83 ff.
179. Buck, Class.Phil.II, 258 ff., with literature cited. Jacobsthal, I.F. XXI,Beiheft,143 ff. Jacobsohn, K.Z.XLII,153.
182. Among the important Ionic characteristics should have been mentioned: Contraction of $o \eta$ to $\omega$. 44.2.

274-280. Thumb, Die griechische Sprache im Zeitalter des Hellenismus. Buck, The General Linguistic Conditions in Ancient Italy and Greece, Class. Journ. I, 99 ff. ${ }^{1}$ Wahrmann, Prolegomena zu einer Geschichte der griechischen Dialekte im Zeitalter des Hellenismus.
279. More commonly known as the Achaean-Doric кotv', after Meister II, 81 ff . See Buck, The Source of the so-called Achaean-Doric кotv', A.J. Ph.XXI, 193 ff .

[^25]
## GLOSSARY AND INDEX

In the alphabetical arrangement the presence of $F$ is ignored, in order to obviate the separation of the many forms which occur with and without it. Thus
 position of vabs. $\rho$ stands in the position of $\kappa$.

For inflectional forms the conventional captions (nom. sg., 1 sg . pres. indic.) are sometimes substituted, and in these the transcription which we have employed for forms occurring in the epichoric alphabets is frequently replaced by the more familiar spelling, e.g. $\bar{\varepsilon}, \overline{\bar{c}}, h$, by $\eta, \omega{ }^{\text {e }}{ }^{\text {e, }}$, or Cret. $\pi, \kappa$, by $\phi, \chi$. But the precise form occurring is sometimes retained as a caption, or added, or given separately with a cross-reference. Brevity and convenience in each case have been preferred to consistency.

The references are : numbers in Clarendon type, to the sections of the Grammar, or, where App. is added, to the corresponding sections of the Appendix; otherwise, to the numbers of the inscriptions. The Heraclean Tables (no. 74) and the Cretan Law-Code (no. 110) are cited by name.
$\mathbf{d}=\mathbf{a} .58 a$
d¢ф́atal Lac. 68

$\alpha \beta \lambda \circ \pi<a$ Cret. $=\alpha \beta \lambda a \beta i \alpha . \quad 5$
ayaios Delph., admirable, wonderful



 no. 60.13, note
aryapis West Ion., assembly. 5, 49.2, 80 with $a$

aү $\lambda$ al Cret., bands in which the Cre$\tan$ youth were trained
dycidor Cret., ephebi, members of the dyenal. 81, no. 113.11, note
äyeorıs East Ion., assembly. 49.2



aүopa Delph., Thess. $=\epsilon \kappa \kappa \lambda \eta \sigma l a$
فүopavouéc Thess., preside over the assembly, like Att. $\epsilon_{\pi} \boldsymbol{\pi} \sigma \tau a \tau \epsilon \omega$. See preceding. In other states the doopavb$\mu$ of were officers in charge of the market etc.
аубраббгя Boeot. 164.3
dypio Lesb., El., arypte Thess. = al$\rho \in \epsilon$. Lesb. dү $\rho \in \theta \in \nu \tau e s$, катаү $[\rho \epsilon] \theta \eta \iota$,



 тos. Akin to arpa
 $\lambda \delta \omega$, dфavif $\omega$. 59.3, 152.4, no. 61.12, note


¿ $\delta \eta \lambda 6 \omega$ Heracl., make invisible
a§ $\eta$ viws without fraud, plainly. Chian d $\delta \eta \nu \epsilon \omega s$ $\gamma \in \gamma \omega \nu \epsilon \in \nu \tau \epsilon s$, calling out plain$l y$, no. 4 B. Cf. Hesych. d $\delta \eta \nu \epsilon \omega s$. $\dot{d} \delta \delta \lambda \omega s, a \dot{a} \pi \hat{\omega} s, \chi \omega \rho / s \beta_{0}{ }^{2} \lambda \hat{\eta} s$
anos ó Ion., decree. See $\alpha^{\nu} \delta \dot{\alpha} \nu \omega$

aja06s Cypr. $=$ dra日bs. $\quad 62.4$
dई̌tow Delph., convict. 77.2, no. 53.17, note
"A ${ }^{2}$ aßßos Delph. ="A $\theta a \mu \beta$ os. 69.3
al West Greek, Aeol. =el. 134.1,2c
$\dot{\boldsymbol{a}}$. Dor. etc. $=\hat{j}$ adv. Cret. $\vec{\alpha}_{\iota}$ also final and temporal. 132.5,8a, $9 a$
â Lesb., all Ion., $\dot{d}$ lv Thess. $=$ del. 133.6
alfarmos Ion．，under perpetual lease． 133.6
alfel Cypr．，Phoc．$=$ del．53， 133.6
alle Cret．$^{=}=$alpé $\omega . ~ 12$
athos Cypr．$=$ à $\lambda$ os． $74 b$
alлотрга $\mathrm{El} .=\alpha \lambda \lambda \dot{\sigma} \rho ⿺ 辶 . \quad 74$ b
aipátiov Coan，coagulated blood and meat，sausage－meat．Cf．Hesych．al－ $\mu a ́ \tau \iota a \cdot \dot{\alpha} \lambda \lambda a ́ v \tau \iota a$
alplovos Lesb．$=\dot{\eta} \mu$ lonos． 17
atpıovs Lesb．$=\tilde{\eta} \mu \iota \sigma u s . \quad 17,61.6$
div Thess．$=$ del． 133.6
atvos Delph．，Meg．，decree．Cf．Et． Mag．alvos $\psi$ भ $\boldsymbol{\sigma} \boldsymbol{\sigma} \mu \boldsymbol{\mu}$ and Hesych． s．v．
alpe日ts Ther．＝alpetels． 78
aloa，share． 101
 $\mu \nu \eta \tau \eta s$ etc． 20 with App．， 258

akcíc Cret．$=\boldsymbol{\alpha} \chi \boldsymbol{e}^{\boldsymbol{v}} \omega$
акратд́s Ion．$=$ aкvроя．Cf．картероя
hakp $\delta \theta$ เva т $\quad$ Delph．$=\alpha \kappa \rho b \theta \iota \nu a$（or $d \kappa \rho 6 \theta \iota s$, reading $\tau d \nu d \kappa \rho \delta \theta \iota \nu a) .58 c$ ， no．61D 47，note
hákpos Corcyr．$=$ akpos． 58 c
hakpoorkıplaı Heracl．，heights covered with brushwood． 58 c
df ${ }^{\text {davtös El．，wholly，in full．55，no．}}$ 59．4，note
dila assembly．（1）Delph．（no．51），used of the meeting of the phratry；（2） Acarn．，Corcyr．，Heracl．，Gela，Ag－ rig．，Rheg．$=\dot{e} \kappa \kappa \lambda \eta \sigma \ell \alpha$

d入laбна．（1）Gela，Agrig．，assembly （not in technical sense，cf．$\beta$ ou $\lambda$ âs d $\lambda(a \sigma \mu a)$ ；（2）Rheg．，decree of the d $\lambda$ ia
a入laovıs Arg．，act of the dicala． 164.3
didaoral Arc．，in form＝Att．$\dot{\eta} \lambda$ ca $\sigma \tau a l$ ， but title of Tegean officials who en－ forced penalties，etc．（no．18）
hídicos Arg． 56
は̉ııvos Epid．，stuccoing．77．3a

ға入іббконаі Thess．$=\dot{\alpha} \lambda \boldsymbol{\lambda}$ колас． $52 c$ ， 89.1
${ }^{\mathrm{a}} \lambda \lambda \boldsymbol{\lambda}$ Lesb．，elsewhere． 132.5
ad入âı Cret．，Corcyr．，otherwise． 132.5
d $\lambda \lambda \in €$ Meg．，Delph．，elsewhere． 132.2
d $\lambda \lambda$ ото $\lambda$ la Cret．$=\dot{\alpha} \lambda \lambda o \delta \eta \mu i \alpha$ ．Cf．Cret． $\pi \delta \lambda_{1 s}=\delta \bar{\eta} \mu \mathrm{os}$

a入入бттpios Cret． 89.4
$\$ \lambda \lambda v$ Arc．$=\alpha \lambda \lambda 0,22$
${ }_{\mathrm{a}}^{\mathrm{a}} \mathrm{\lambda} \lambda \mathrm{\lambda u}$ Lesb．，elsewhere． 182.4
anfov Cypr．，plantation．No．19．9，note

à $\lambda \omega \mu \alpha$ Boeot．$=\alpha \nu \alpha \lambda \omega \mu \alpha$ ．Not an orig－ inal uncompounded form，but ab－ stracted from $a^{\nu} \dot{\alpha} \lambda \omega \mu \mu$ ．Hence the absence of $F$

＇A $\mu$ ápios Ach． 12
ă $\mu$ ата Aetol．$=$ a $\delta 6 \lambda \omega$ ？？No．62．2，note
$\dot{\alpha} \mu \beta p[\delta] \tau \eta \nu$ Lesb．$=\dot{\alpha} \mu a \rho \tau \epsilon \iota \nu . \quad 5,49.2 a$
дцкi Delph．$=$ д $\mu$ оv． 132.2

d $\mu$ ipa with lenis． $58 b$
ј $\mu_{\text {s }}$ ，d $\boldsymbol{\mu}_{\mathrm{s}}$ ． 57,58 b，76， 119
$\alpha \mu \iota \theta \rho \in \omega$ Ion．$=\alpha \rho \iota \theta \mu \epsilon \omega .88$
 خ̀це́as．76， 119
d $\mu \mu \delta \mathbf{v i o v}$ Delph．，penalty for delay． From dava $\mu \in \nu \omega$ ．Cf．Hom．ка $\mu \mu \nu$ l $\eta=$ катаноф
d $\mu$ oıf $\alpha$ Corinth．$=\alpha \mu o<\beta \eta . \quad 51 a$
$\mathbf{d} \mu \pi$－in early Cretan words，see under d $\mu \phi-$

а $\mu \pi \kappa \lambda \eta \mu$ н Heracl．，rebate．Heracl．Tab． I．108fi．，note
ацфаіvоцає Cret．（e．g．d $\mu \pi a l \nu e(\theta) \theta a \iota$ ，
 đута⿱亠乂гоs），adopt
ă $\mu$ фаvбıs Cret．（むขтаขбเv），adoption （act of）． $77.3 a$
á $\mu$ фavтús Cret．（dıлaviv́r），adoption （condition of，i．e．state of being an adopted son）
а $\mu \phi$ l． 136.7
$d \mu \phi(\delta \eta \mu a$ Cret．，ornament，gen．sg．$\alpha \nu$ $\pi \iota \delta \epsilon \mu$ äs． 112.5


$\alpha \mu \phi \mu \omega \lambda \in \omega$ Cret．（e．g．$\alpha \mu \pi / \mu \bar{\lambda} \epsilon \nu$ ），con－ tend about（in law），litigate．See $\mu \omega$－ $\lambda \epsilon \omega$
 lawsuit
גцфббтацаи Heracl．，investigate．Cf．

$\alpha v=d \nu d .95$
${ }_{a} \nu \mathrm{Arc} .=\dot{\alpha} \alpha \nu . \quad 58 a$
háv Arc．$=\boldsymbol{\alpha} \boldsymbol{\nu} .58 d$
dudarop El．，see àatos


ăvaros immune from punishment．El．

divס́ava $=$ סocéw be approved，voted，as

 $\psi \eta \phi \quad \sigma \mu \in \nu a$. Cf．Ion．$\alpha \delta o s=\delta \delta \gamma \mu a$
dubixásc Locr．，be of divided opinion． Cf．Hdt．6． 109 ঠixa $\gamma$ l $\gamma$ vovтal al $\gamma \nu \omega ิ \mu a \iota$
dveteav，dvetecav，duticcav Boeot．$=$ dvé $\theta \in \sigma a \nu$ ．9．2， 138.5
aveekikaur Thess．$=\alpha \nu \in \theta \eta \kappa a \nu . \quad 138.5$
dwefecke Boeot．，Thess．$=\alpha \nu \epsilon \theta \eta \kappa e . ~ 16$

ave入ó $\sigma$ ō Lac．$=\alpha \nu \in \lambda \epsilon \sigma \theta \omega \nu . \quad 140.3 \mathrm{~b}$
d．verlypoфоs Heracl．$=-$ үpaфos．$\delta$
dvtonke Lac．$=d \nu \in \theta \eta \kappa$ ．.$~ 64$
ăvav Epid．＝avev． 133.6
ăveve El．＝avev．133．6， 136.4
dvheबのซ0ac Heracl．，from dvi $\eta \mu$ ． 146.4
 $167 a$

avviopal Cret．＝dpvéo aı．．86．5
dvorifa Cypr．，impiety．No．19．29，note． But neut．pl．dubouja also possible； cf．SGDI． 3538,3544
dver－in early Cretan words，see under ${ }^{\alpha} \mu \phi$－

avel． 186.8
dvrifa入os Cret．，opponent，defendant． See $\mu \omega \lambda \epsilon \omega$
dvrıтuyXdave Arg．，Boeot．，Delph．， Lac．＝таратvүхd⿱㇒日 happen to be present，or in office（so nos．45，78）
ăvrous Heracl．，road，path
avtopos Heracl．，a counter－boundary
dvтpflov Cret．＝dуסреîov． 66
${ }_{\text {àrpöтоs Cret．}}=\alpha \nu \theta \rho \omega \pi=s . \quad 66$

dvめү Cypr． 191
ăvo ${ }^{\circ}$ Arc．，probably $a^{2} \omega \delta \alpha=\alpha \nu \omega \theta \in \nu$ ． 138.2
arvo0a Heracl．$=\AA \nu \omega \theta e \nu .138 .1$
avopos Cret．，not of marriageable age

aotos East Ion．＝aútos． 38
$\mathbf{\alpha} \pi$ Thess．$=\dot{\alpha} \pi \delta$ ． 95
גтаүоре́́o Cret．，proclaim
 ally，e．g．đүovtı dinatov $\dot{e} \mu e \nu$ ，there shall be no fine for the one who seizes． 53
áre入óvvrail Locr．$=\dot{d} \pi e \lambda a \tilde{v} \nu \omega \nu \tau a c .162 .4$
dmedevecplf $\omega$ Delph．，Thess．$=\alpha \pi \epsilon \lambda e v \theta \epsilon-$ р $\delta \omega$ ．162．1．Thess．dтeлeveeper $\theta \in \nu \sigma a$ ， 18， 77.8
 גaios，name of a month．＇Axe
－Delph．，name of a festival corre－ sponding to the Attic＇Amaroúpica
dme入入aia Delph．，victims for the＇Are $\lambda$－ $\lambda a l$
$\alpha \pi \in \lambda \lambda_{\omega}$ Lesb．$=d \pi \epsilon \lambda \epsilon \epsilon_{\omega} .75$
＇ $\mathbf{A \pi}(\lambda \lambda \omega \nu=$＇$A \pi \delta \lambda \lambda \omega \nu .49 .8$
dimiralpos Cret．，one who is not a mem－ ber of a èzalpela．Law－Code II．5，note



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$\alpha \pi \circ_{F} \eta \lambda \in \omega \mathrm{El} .=\dot{\alpha} \pi e i \lambda \epsilon \omega . \quad 75$
 82，85．1， 142
атоцш入єш Cret．，contend in denial， deny．See $\mu \omega \lambda \epsilon \epsilon \omega$

amopoal Heracl．，springs or torrents


aтофор́ Coan，carrying off
 witness．See ф $\omega \boldsymbol{\nu} \epsilon \omega$
 App． 69.4

divi Arc．，Cypr．，Lesb．，Thess．$=\mathbf{d \pi} \mathbf{6}$ ． 22


dru $\delta \delta \sigma \mu[$ cov $]$ Arc．，meaning uncertain． No．17．28，note

dँv́m Arc．，summon＝poet．$\ddagger \pi \dot{\omega} \omega, d \pi u ́ \omega$. 191
am＠цотоs Cret．，under oath of denial
йратрои Cret．$^{=}$дротроу． 162.2
apdo Heracl．（ $\alpha \rho \dot{\alpha} \sigma o \nu \tau \iota)=$ d $\rho \delta \omega .162 .2$
fápyov El．＝tpyov． 12
 $\gamma v \rho a, 19.4$

apé $\boldsymbol{\mu}_{\boldsymbol{\prime}}$ ov Phoc．，fee，perquisite．From d $\rho \epsilon \epsilon \sigma \omega$
haptorat Locr．$=$ è $\lambda \epsilon \sigma \theta a t . \quad 12,85.1$
faph $\nu$ Cret．$=$ d $\rho \eta \nu$（Att．inscr．），nom． of d $\rho \nu$ bs． 62
dчpíтeve，ápfreve Arg．，presided． 65
＇Aplotaixvas Coan． 69 a
hápvŋous Heracl，$=\alpha \rho \nu \eta \sigma$ ts． 58 d
dрр

 49．2， 80
＂Артания＝＂Артещs． 18.2


dprboe Heracl．，devise by will．Cf．He－
 ঠıaधeivau．In Cretan（Law－Code XII． 32）manage（property）．In Arcadian simply prepare，provide．Cf．the of－ ficial titles Arg．d $\rho \tau$ v̂vaı（no．78．2， note），Epid．d $\rho \tau \hat{v} v o r$, Ther．d $\rho \tau u \tau i \rho \rho$
dpxidavxvaфopde Thess．，see סaúxva
dpXıтто入ıapXew Thess．，be the first pto－ liarch．See rto入lapxo

dpX＇s Boeot．，Cret．，Ion．，Locr．＝${ }^{2} \rho$－ $\chi \omega \nu$ magistrate

doaurds reflex．pron． 121.4

doknths Arc．，used of animals without blemish
 Lac．тoi＇s d（ $\sigma$ ）$\sigma \omega \tau a \pi$ aboukes，El．tolp $\epsilon_{\pi} \&(\sigma) \sigma \omega \sigma \tau a$ ，those next of kin．Cf．
 $\pi е \pi а \mu \hat{\nu}$ о the nearest owners，Locr．

dotás Epid．＝diva $\sigma \tau$ ds． 77.2

ara Cret．，penalty，fine． 53
dтayla Thess．，time when there is no tarbs，hence time of peace．No．33， note
aтd́ Cret．（d $\tau a \mu \notin v o l, d \tau a \theta \epsilon t e)$ ，fine． 53
dite Lac．（hà $\left.\tau^{\prime}\right)=$ ijte as． $182.5 a$

drepóттนोos（and－ı入入os）Epid．，see $\delta \pi \tau$ l／ os
ärspos＝＇̈тepos． 13.3

$\mathrm{a}_{\mathrm{Tr}}$ Cret．$=$ drıva． 129.3

aüdra Lesb．$=$ àv． 53
aü0ır Rheg．＝ä̈tcs． 133.6

aüavtbs，reflex．pron． 121.4
aűros Cret．$=\AA \lambda \sigma o s . \quad 71$
aúraros Delph．，reflex．pron． $38 a$ ， 121.4
aüтадаро́v Locr．$=a \dot{v \theta \eta \mu e \rho b \nu . ~ 18, ~} 58 \mathrm{~b}$

afurà Corcyr．$=$ dut $\eta$ p． 88

aủrautós reflex．pron． 121.4
aürę W．Grk．，aürโ Boeot．＝aủrov̂． 182.2
aúrcîs Boeot．$=$ aữoîs． 80
aữเ้ Cret．＝aür เs． 188.6
aüтరs．121．3，4， 125.2
aürogautós reflex．pron． 121.4


a）̃os Lesb．$=$ tes． 85
aфеठриатеv́e Boeot．，serve as dфeঠpıd－ tas or official dedicator．No．42，note
aф́fpFortt Heracl．，shut off（water by damming）．Heracl．Tab．I． 130 ff ．，note
aфа $\omega_{0} 0_{0}$ Arc．，from $\alpha \phi i \eta \mu$ ． 146.4
＇Aфорбiта Cret．＝＇$\Lambda \phi \rho о \delta i \tau \eta .70 .1$
${ }_{\alpha}^{\alpha} \phi_{\phi \alpha}{ }^{2} \omega$ Cret．$=\alpha \mu \phi \dot{\alpha} \nu \omega .69 .3$
aфwvos Heracl．，intestate
¿x 6 Dor．，where． 138.5 a
dxuplos building to hold chaff．Cf．He－ sych．axupos．$\delta$ dxupour．dxupodokn．

$d(f) \omega \mathrm{s}$ Dor．etc．$={ }^{\mathbf{t}}{ }^{\mathbf{t}} \mathrm{\omega s}$ ．35， 41.4
 44.2

Ba0ot $\omega$ Lesb．$=\beta_{0} \boldsymbol{\eta} \theta \epsilon \omega .24 .2$
Bavá Boeot．＝ruyh． 68.1


Baocheús，official title in many states． In some the chief magistrate；in others restricted to religious func－ tions，like the a $\rho \chi \omega \nu$ $\beta a \sigma \iota \lambda e{ }^{\prime} s$ at A th－ ens；e．g．at Chios（no．4C）and Mile－ tus；$\beta a \sigma c \lambda \epsilon i$ is an official body，e．g．in Mytilene（no．22）and Elis（no．57）

 5．77，${ }^{\ell} \mu \beta \eta$ Ar．Lysist．1303，etc．
Beßataтtip Delph．$=-$ тits． 164.5
 76
 75． 3 pl．subj．$\beta \in \lambda \lambda_{\text {ouv }} \epsilon \varepsilon \nu, 27,139.2$
 68.2

Bèфо／Lesb．，Boeot．$=\Delta_{\epsilon} \boldsymbol{\lambda \phi o l} .68 .2$
$\beta$ eveco El．$=\beta \omega \nu \dot{\omega} \omega . \quad 18 b$



$\beta$（8cot，$\beta$ LSuot Lac．，title of officials． 51
$\beta$ leros Cret．$=\beta$ lotos． 167


Botciap El．＝olxlas． 51
$\beta \delta \lambda_{\iota \mu}$ ©s Delph．，Epid．$=\mu \delta \lambda_{\iota}$ ßos． 88
$\beta 6 \lambda \lambda a$ Lesb．$=\beta 0 \cup \lambda$ t． 75

Bodotvra Cret．44．4， 51
$\beta$ блоцан Arc．，Cypr．，Ion．$=\beta$ ои́ $\lambda_{о \mu а к . ~}^{\text {．}}$ $75 b$
Bópolos Cret．＝＂Op日ıos． 51
Bovayop Lac．，leader of the $\beta$ ovial，the bands in which Spartan boys were trained．Nos．70－73，note
ßo由v Heracl．，cown－shed． 165.4
Bpoxis Boeot．，Thess．$=\beta \rho a \chi$ b́s． 5

$\beta \lambda \ell a \nu$ Heracl．Tab．I． $58=\tau \dot{\alpha} v \beta v \beta \lambda$ ivav
$\mu a \sigma \chi \alpha \lambda a \nu$ I．92．See $\mu a \sigma \chi \alpha \lambda a$
$\beta<\beta \lambda$ เvos Heracl．，see $\mu \alpha \sigma \chi \alpha \lambda a$
$\beta \cup \beta \lambda$ lov $=\beta \iota \beta \lambda$ lov． 20
$\beta \omega 0 t \omega$ Ion．$=\beta o \eta \theta \epsilon \omega$ ． 44.2
ßondá Boeot．，Cret．，Arg．，etc．$=\beta$ ou入t． 25 with a， 75
Bapota Lac．＝＇Op日la． 51
Bepoia Lac．＝＇Opola． 64
Bes Dor．＝ßoûs． 87.1
yá W．Grk．，Boeot．＝ $\boldsymbol{\text { fe．}} 18.3$
Taıd́foxos Lac．＝raıtoxos． 58
үau由v Heracl．，heap of earth，mound． 165.4

үबце入а Delph．$=\gamma a \mu \nmid \lambda \iota a$ ，wedding cakes． 164.9

үєүрафұатаь Heracl．＝үеүрафатаь． 146.3

Yєүшvt $\omega$ Chian，call aloud． 184
ү凤лаццレ Lesb．＝үe入d． 47

yeved family，offspring，also in plural descendants．No． 60.1 ，note
үєpraфо́pos Coan，title of a priestly official．$\gamma \epsilon \rho \eta \phi$ boos occurs also in Pserimos near Calymna

yivos Rhod．$=\gamma$ ivpos
$\gamma$（vчиан Boeot．，Thess．$=\gamma$ lүронаи．86．7， 162.5

үเทшбк $=\gamma \iota \gamma \nu \omega$ бккш． 86.7
$\boldsymbol{\gamma} v \overline{\hat{\beta}} \mu \boldsymbol{}$ 上 El．$=\gamma \nu \hat{\omega} \mu \varepsilon \nu . \quad 12 a$
 So $\gamma \rho a \mu \mu a \tau \iota \sigma \tau$ ás $=\gamma \rho a \mu \mu a \tau \epsilon$ ís in Boeot．，Ach．，Delph．，Epir．as in Hdt．

үра́бона Arg．＝ $\boldsymbol{\rho}$ а́ $\mu \mu$ ． 164.4
үрафts Arc．＝үрафейs． 111.4

үpoфeús El．，Argol．，Sicyon．＝үpaфeús． 5

Tрофшv Mel． 5

Tuvóттăros Boeot． 69.4
Saiols Cret．，division
סаккข́入ıos Boeot．$=$ дактú入ıos． 87
84入тоs Cypr．$=\delta \in \lambda$ тоs． 49.3
סapéras Carpath．$=\delta \eta \mu \dot{\sigma} \eta$ т． 167
 44.4

барцоруо́s $=\delta$ пицоирубs． 44.4
 etc． 159 with App．
$\Delta$ арокрі́те Lesb．$=\Delta \eta \mu$ ккрiтov． 18
סaporiola El．＝$\delta \eta \mu \sigma \sigma$ оin．15， 157 b


Sapára Delph．，a ceremonial cake．No． 61 A 5，note
Sapmvd Cret．，see $\delta a \rho \chi \nu \alpha$
8фрриа Delph．＝$\delta є \rho \mu а . ~ 12$
 Corcyr．49．2a
$\delta_{\text {apx }}$ 人 Cret．（ $\left.\delta a \rho к \nu \alpha\right)=\delta \rho a \chi \mu \gamma . \quad 49.2$ a， $69 a$
 ठ́б $\sigma \omega$ ขтal． 82

 $\chi$ val［ov］．68．4a with App．
8tarot Arc．$=$ бок $\hat{\eta}$ ．139．1，151．1， 191
 $49.3,68.1,75$
ס\｛кer0as Cret．$=\delta \in \chi \in \sigma \theta a \iota . ~ 66,85.8$
8eкvиць Ion．＝беікvици． 49.1
8tко Arc．$=\delta$ ќка．6，114．10， 116 a
סєкоран＝$\delta \in \chi о \mu$ а． 66
8t́кotos Arc．，Lesb．$=\delta$ ह́катоs．6， 114. $10,116 a$
8t́kwy Lesb．，Chian＝gen．pl．of סéra． 116
$8 \lambda_{\lambda \omega}$ Arc．$=\beta d \lambda \lambda \omega . \quad 49.3,68.1$
Eque入cis Epid．，leeches．Cf．Hesych．

$\Delta_{\text {peivlas }}$ Corinth．$=\Delta$ eılas．28， 54 d

Lev́s Boeot．，Lac．，Rhod．＝Zev́s． 84 with App．
8evo Lesb．＝$\delta \in \epsilon$ want． 35

8єфvpa Cret．＝ $\boldsymbol{\gamma} \ell \phi$ ира． 68.2
 68．1，75．El．$\delta \eta$ лоцtip，no．60．5，note
$\delta \eta \mu$ ррion Orop．$=\delta \eta \mu \circ \sigma / \omega \nu . \quad 60.3$
पभ̂va Cret．＝Zท̂̀a．84， 112.1

 Lesb．，Cret．，etc．Cf．And．，Thess． $\lambda d \mu \psi о \mu a t=\lambda t \psi \psi \rho \mu a$, as also in Hdt．
Sıa入ıalve Boeot．，see－$\lambda$ гalv $\omega$
8u Thess．$=$ ód． 7
Suy
$\Delta u l=\Delta u . \quad 112.1$

8ù̀ k！Thess．$=$ óórc． 181


Stкaнa El．，begal penalties，fines．广iкaca， 62.2

Sukdoкото officials at Mytilene，in－ spectors of justice
8uкaothp Locr．，Pamph．$=-\tau \boldsymbol{t}$ s． 164.5
8ukdos Lesb．$=$ sıkalws． 81

8lxpeas Cos，Chios，double portion of flesh，a double cut
Sivdice El．，change，amend．Cf．$\delta$ ivw
$\Delta$ ifforas Boeot．，Thess．$=\Delta \iota \delta \delta o t o s$ ． 166.2

8Сриан Cret．$=\delta \iota \omega$ кь．$\quad 162.10$
8ıoplarth Corcyr．＝－тts． 164.5
8codo Boeot．$=$ súo． 24
 188.2
$\delta_{\iota \pi \lambda i o g ~ L o c r . ~}=\boldsymbol{\delta} เ \pi \lambda \delta_{s}$
 Code IX．26，note
 68.2

8opivat Cypr．＝סov̂vaı． 154.1
8бкпиа Arg．＝$\delta \delta \gamma \mu$ а．No． 81

$\delta_{0 v \lambda} \xi_{\omega}$ Boeot．，Phoc．$=\delta 0 v \lambda 6 \omega .162 .1$
8plфos Syrac．$=8$ itфpos． 70.2
©popeves Cret．，one who is of age．Boys under seventeen were not allowed to enter the gymnasia，which the Cret－ ans called $\delta \rho \delta \mu o t$ ，and so were termed

Sufávo Cypr．$=\delta 1 \delta \omega \mu$ ．Cf．Lat．duim
8ú Lac．＝§úo． 114.2
סveiv＝סvoîv． 114.2
8v์o，plural forms $\delta v \omega \hat{v}$ ，$\delta$ voîs，$\delta$ vías． 114.2

סudбека $=\delta$ н́deка． 115

 סeknts sacrifice consisting of twelve vic－ tims
8ккш Сург．$=\delta \delta \delta \omega \mu$ ． 162.11
8ब入a，8ळ入los Dor．＝
8wos Cret．$=$ jwos． 84

1 Locr．$=e^{\ell} \kappa .100$
Ia El．＝el $\eta$ ．15， 81
fifaícix́ta Locr．，see $\alpha^{\nu} \delta \delta \nu \omega$
laनra Arc．，Arg．，Mess．＝oठ̄бa． 168.8

 коута． 114.7


 75， 151.2



＂ураттаи Cret．＝रौ＇үралтац．86．2， 137
 кау． 188.5
 $\sigma \mu a$
\＆ocv Epid．$=$ oṽ gen． 3 pers．pron． 118.3
ct W．Grk．＝ov̀ adv． 182.2
felţts El．＝elfós． 62.2
elc Arc．$=e$ el．$\quad 184.2 a$
fekart Heracl．＝elкоб九． 116
cikow tos Lesb．$=$ elкoनtbs． 116 with $a$


ciцатьन $\mu \delta s=i \mu a \tau \iota \sigma \delta \delta$ s．See preceding
clpatv Rhod．＝elval． 168.7

ctv Eub．＝єlvac． 160
civaros Ion．＝tvaros． 54
alveka Ion．＝tveka． 64
elvigav Boeot．＝ฑ̈veүкау． 144 a
ftim－（Cret．felnōvrı etc．）$=e l \pi-. \quad 52$
сірๆিтаи Ion．＝єlрєата．．48， 139.2

Fheкaб́́peє Boeot．30，46， 52 b
fika00a Cret．＝̇̇кoû $\sigma a$ ．163．8a
fiкaotos，Eккаттоs． $52 b$
iкaripu Coan，adv．on each side of． 132.7 a

Fex＇§apos Thess．46， $52 b$

feqóvtas Locr．＝èxóvtas． 58
heкoтóv Arc．$=$ \＆катbv．6， $116 a, 117$
 Tab．I．120，note
incelets，not iktiols． 28 a with App．

VAcfe＝elme．So regularly in Boeotian and Thessalian decrees，where Attic and most dialects have elre．Some－ times also in decrees of Oropus
hèírтat Locr．$=e \in \lambda e ́ \sigma \theta a c . ~ 85.1$

${ }^{2}$ Ficuesvvaios Cret．＝＇E入evOepvaios． 86.5
${ }^{\prime}$ Fidevhúviai Lac．$=$＇Enevolvia．20，59．1．
入入ovépós Cret．$=$ è $\lambda e v \theta$ epós． 83 a

\＆$\mu$ 人os Dor．$=$ é $\mu$ viv． 118.3
 $48.5 b$

！$\mu \mu \varepsilon v$ Thess．$=$ elval． 163.7
；$\quad$ риелаи Lesb．$=$ elvac． $154.2,168.7$
${ }^{\prime}{ }^{\prime} \mu \mu$ Lesb．，$\langle\mu \mu \boldsymbol{l}$ Thess．$=\epsilon i \mu \ell .76$




＜$\mu \phi a v / \sigma \sigma \omega$ Thess．$=\AA \mu \phi a \nu l \zeta \omega .84 a$
$\mathrm{lv}=\mathrm{els} . \quad 185.4$
？Ivayos Delph．，ceremony for the dead． Cf．evarljw．No． 51 C 38 ，note
hevarós Delph．，Ther．$=$ évaros． 58 c， 114.9
 68.1

ivdipe Coan，see no．101．38，note
dvocúce Lesb．＝évঠéw want． 85
 subjected to suit．No．18．34，note

 with dative of the person who is lia－ ble to suit．No．18．34，note
Eviooecv Att．－Ion．，Cret．，within． 133. 1，4
iv60018ıos Cret．，belonging within． 165.2
tvoor Lesb．，Epid．，Syrac．，within． 188.4

Ivoopa Coan，see no． 101.48 ，note
dv6́s Cret．，Delph．，Syrac．，within． 188.4

ivSoन0tsıa Epid．，entrails． 165.2
tvous Delph．，within．182．4， 133.4

 161.2 ，no．43．49，note

Iverifia Locr．，taxes of admission（to citizenship）．From $\left.\begin{array}{c}v i \eta \mu\end{array}\right)$ like Att． elбıтरpia from elбєıце
iveqavlorosv Thess．＝éveqdivi̧ov． $84 a$ ， 188.5
（vhēßóhaus Lac．from év $\eta \beta$ dw．41．2， 59.1
ivoaifa Att．（inscr．）＝èvraîa． 65
Evâora Ion．＝èvтa0̂日a． 65
lveciv Arc．，Dor．＝̇̀ $\lambda$ eîv． 72
indives Cret．$=$ indeos． 164.9

ivıaútios Coan，Delph．＝èvıaúrcos． 61.8
kviaurós（1）end of the year，anniversary， （2）year．For the former and more original meaning，which the word sometimes has in Homer，cf．Delph． no． 51 C47，Cret．Law－Code I． 35 ，IV． 4
ivкoюöral Cret．，sc．סapkval，money given as security．Cf．Hesych．koîov efv $\chi \cup{ }^{-}$
 кєîmaь
hevvia Heracl．＝ivvéa． 58 c， 114.9
Ivvera Lesb．＝tiveka． $54 b$
 114.9

Ivoros Lesb．$=$ Ivaros．6，114．9， 116.9

Ivg Cret．$=$ ets． 114.1
iv táv Boeot．，until．186．1，no．48．49， note

đ̌vтaซoเท Heracl．＝oüテı»． 107.3
ไvтâ̂тa El．＝ধ̀vầ̂a． 65
 $58 c, 138.9 a, 185.4$
Ivres Dor．＝8vres． 168.8
lvrl W．Grk．＝elol． 163.2
Ivrıuog Locr．，in office．Cf．Plat．Rep． 528 c
ใขтồa Orop．＝є̀vтav̂日a． 34 a， 65
 $\tau \bar{\delta} \theta a$ Orop．， $34 a$

 els тaфخ̀v t̀vөtyra luátıa． 6

 35，note
ivuda（vas Cret．（èvvadvet），weave within （the house）



${ }^{15}$ apx ${ }^{\text {（8ios }}$ Cret． 165.2


 69．3，84， 89.1


\＆ 0 opific Cypr．，expropriate．Probably from an $\dot{\varepsilon} \xi$ opv́ $\sigma \sigma \omega$ used in a figurative sense（cf．Eng．root out）．But many
 op $(f) \ell \zeta \omega$

fios Locr．＝éautov̀． 118.3
$i \pi$ Thess．，Boeot．$=\dot{\epsilon} \pi$ l． 95
\＆тaßo入d́ Cret．，share． $107 a$
 note

\＆тavird́o El．，return．Cf．$\iota \tau \eta \tau$ tov $=l \tau t-$ ov，and Hesych．eltaxeìv－è $\lambda \lambda \nu v \theta \in \nu a \iota$
èmávxゅтtos Locr．，next of kin．See a（ $\sigma$ ）$\sigma \sigma \tau a$
＊таруиа Thera $=$ дтарүна offering．Cf．

tratid Meg．$=\boldsymbol{\epsilon \pi} \pi \epsilon \delta \eta$ ． 93

 $\lambda d \nu \tau \omega$ drive up，but Heracl． $\begin{aligned} & \text { ITe } \lambda d \sigma \theta \omega\end{aligned}$ and Arc．${ }^{2} \pi e \lambda a \sigma \dot{\alpha} \sigma \theta \omega \nu$ mean collect， enforce（fines）．Cf．also Arg． $\boldsymbol{\pi}$ ore－

Ime入curei（fut．），imineugav（aor．）Cret．， bring． 162.9
 or declare．Also $\epsilon \nu \pi \overline{\hat{c}} \iota$ from simplex $\epsilon \mu \pi d \omega$ ．Probably related to $\boldsymbol{\epsilon} \mu \pi d \xi \omega$
\＆ $4 t^{\prime}$ Arc．，just for． 186.10
 147.3
 See no．74．120，note

$\boldsymbol{k} \pi \mathrm{El} .=\dot{e} \pi e l$
 with et，as in no． 18.46 and also in pa－ pyri（ė $\eta \rho \epsilon i d \sigma a \nu \tau o s$, Berlin Aeg．Urk． II．589．9），is the etymological one（cf．
 is like $\delta \omega \rho \epsilon d$ beside $\delta \omega \rho \epsilon c d(31)$
$\boldsymbol{l} \pi \boldsymbol{l}$ Boeot．$=\boldsymbol{\epsilon} \pi$ el． 29

\＆$\quad$ lapov El．$=$＊＇t $\phi$ lepov sacred penalty
dmLarts（＇$\pi$ carts）Locr．，for the year． No．55．35，note
$\left\langle\pi\left\llcorner\beta \dot{\alpha} \lambda \lambda_{\omega \nu}\right.\right.$ Cret．，short expression for ${ }^{\circ} \iota$

 sometimes $=\dot{\omega} \iota \dot{\epsilon} \pi \iota \beta \alpha \lambda \lambda \epsilon \iota(\delta \pi v i \epsilon \nu)$ ，i．e． groom－elect
$\langle\pi \tau \delta \in($ Boeot．$=\langle\pi \epsilon t \delta \eta$ ． 29
$\ell \pi\llcorner\eta \mu \mu \dot{\epsilon} \rho \iota \nu$ Eretr．$=\boldsymbol{\epsilon} \pi \iota \delta \eta \mu \omega \hat{\sigma} \iota \nu . \quad 60.3$
imidukarol Lac．$=$ ots inidixdjeral those to whom property is adjudged by law， heirs－at－law．For－arós cf．$\theta a v \mu a t b s$ beside $\theta a v \mu a \sigma \tau$ bs

intsóycov Arc．$=$ ن̀mojóycop


 pose upon．


introikos Locr．$=$ Énoukos
imookoso $\mu$ a Heracl．，collective，used of the buildings belonging to the land． No．74． 150 ，note

 катаж $\mathbf{d} \sigma \sigma e \iota \nu$
$\ell \pi เ \pi \eta \rho \dot{\alpha} \omega$ Cret．$(\ell \pi เ \pi \bar{\epsilon} \rho \bar{\rho} \tau \alpha a)=\pi \epsilon \iota \rho d \omega$


 $\sigma \theta a \iota \delta v \nu a \mu \notin \nu \eta \nu$
iтıтреlyıoros Cret．，the next oldest．See $\pi \rho e l$ yıotos

 Lat．spondeo． $2 \pi \epsilon \in \sigma \pi e v \sigma \epsilon, 77.3$


troఢfä Boeot． 53
〈тоікıa rá Heracl．farm buildings
\＆roloi Arc．，aor．subj．to fut．olow． No．17．21，note
fímos $=$ й $\boldsymbol{\pi}$ os． 52

hemrákıv Lac．$=$ è $\pi \tau$ d́kıs． 133.6
ใтӧро́тан Locr．，jurors

dpevtal Cret．$=$ § $\eta$ rival collectors．No． 113．132，note



ерото́s Boeot．，Thess．$=$ е́paros． 5
$\boldsymbol{\ell}_{\rho \pi \infty}=\boldsymbol{\epsilon} \mu \boldsymbol{\mu}$ ．Sometimes in tragedians， Theocr．，etc．，but also a regular
prose use in many dialects，as Arc．， Argol．，Astyp．，Cret．，Cypr．，Delph．， Mess．
 4， 148

 165.1

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$\cos ^{2} \lambda \lambda_{\omega}$ Arc．$={ }_{\epsilon} \kappa \beta \alpha \lambda \lambda \omega . \quad 49.3,68.1$ ， 100

drסorfpes Arc．$=$＊eкסotîpes those who give out the contracts

For ${ }^{\prime} \eta$ ros Sicil．，title of a select official body． $100 a$ ，no． 100.2 ，note
dricalve Boeot．，see $\lambda_{c a l}$ w
feond́plos Locr．＝è $\sigma \pi$ éplos． $12,52 \mathrm{c}$

 86.6

\％$\sigma \sigma a$ Lesb．，Epid．$=$ ö́ $\sigma$ a． 163.8
\％боран＝І бораи． 83
\％＇тe until．132．9a， 135.4


Iтa入ov Lesb．，İre入ov Coan，yearling． Cf．Lat．vitulus． 49.3
itáfaur Thess．$=$ ィ $\tau a \xi \alpha \nu .188 .5$

 $81 a$
Itos $=\mathbf{Z}$ tos． 58 c
\％̈rte Boeot．$=$ ₹ $\sigma$ те． 86.4
cüциероs $\dot{\text { a Cret．}}=$ èoprt

cisepyerts Thess．＝eveppertwy．78， 157
cబuเסe Lesb．elסe． $35 a$
 $\tau \omega \nu .146 .1,147.3$
prvuivas Cret．＝feinévas，assembled，to elतéc．71，75
cúvóa＝eivola． 81

cürapiot El．＝ejoceßtot． 12 a

ev̀rô Thess．$=$ éaut $\hat{\varphi} .121 .2$, no．28．16， note

© $\mathbf{x} \omega \lambda$ A Arc．－Cypr．，prayer or impreca－ tion． 191

tфак犬оцаи Delph．，repair． 58 c
耳орои̂утац．27， 58 c，139．2，157，no． 28．41，note，see also dypt $\omega$
lфf：pfover Heracl．，shut in（water by damming）．Heracl．Tab．I． 130 ff．，note





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tá Lesb．$=$ stá． 19.1
tâ Cypr．$=\gamma$ ฑ̂． 62.4
tapcopyla El．the body of demiurgi． 44．4， 62.2
Lav Cypr．，see no．19．10，note
\％$\lambda^{2} \lambda_{\infty}$ Arc．$=\beta \alpha \lambda \lambda \omega . \quad 68.3$

Zीıva，Zquos，etc．37．1， 112.1
tikala El．，see dikaia
t（quiov El．，see $\delta$（фuios
Zóvvoros Lesb．$=\Delta$ ívvoos． 19.1
t $\omega \omega=$ ऽ $\omega$ ． 162.7
ท Boeot．＝al． 134.1
ทें whether，it Cypr．＝ei．132．6， 134.1 with $a$
ที Cret．where，when．182．6， 134.1 a

ff $\mu \mathrm{\mu}$ Cret．$=\boldsymbol{e} \boldsymbol{\mu} \mu$ ．Gen．sg．fímās． 112.5

ท̄ $\mu$ еv $=$ elva．.$~ 163.7$
$\eta_{\eta} \mu \eta \nu$ Cret．$=$ elva．．154．4， 163.7
${ }_{\eta} \mu \eta \nu 1 \mathrm{sg}$ ．imperf．mid．of $\epsilon l \mu l .163 .9$

 89.4
$\eta_{\eta}{ }^{2}$ iva Cret．the half． 164.9
h $\eta \mu \mu \eta$ vala．Delph．，fem．deriv．of fol－ lowing． $55 a$
hëuppłurov Delph．，probably half－ grown sheep，i．e．such as are midway between lambs and full－grown sheep． 55 a


hé $\mu$ ireta Epid．$=\dot{\eta} \mu l \sigma$ ela in sense of $\dot{\eta} \mu l-$ eктоу．61．6， 164.9

भु $\mu \nu \sigma v=\ddot{\eta}_{\mu} \mu \sigma v .20$
Hи Ion．$=$ ed $\nu .184 .2 \mathrm{~b}$
ทiv＝jo $\sigma$ av． 168.4
ग̀var Arc．$=$ elval． $154.1,163.7$
Hivaros Cret．$=$ lvaros．54， 114.9




गेंs Heracl．$=$ ets． 114.1


ท̄Tau Delph．$=\boldsymbol{j}$ ． $151.1,168.8$
$\dagger_{\dagger} \tau \omega=$ \％$\sigma \tau \omega .163 .5$

グXo Orop．＝8 \％ou． 132.3

0d́入a00a Cret．＝$\theta \dot{\text { á } \lambda a r \tau a . ~} 81$ a
0блатта． 81
 technical sense of be secure，immune． So Odapos security，immunity．80，no． 57．1，note
$\Theta a(p) p \neq s$ Ther．42．2， 80
$\theta_{t}$－Meg．etc．$=\theta_{\text {eo－．}} 42.5 \mathrm{~d}$
$\theta$ eapós＝$\theta$ ewpbs． 41.4
 164.4
$\theta_{0} 0 \mu$ о́s Epid．，Lac．$=\theta \in \sigma \mu \delta$ s．65， 164.4
 Өeनтıéús． $9.2 a$
©coforos Boeot．，Thess．＝${ }^{\text {ebdotos．} 165.2}$
өкоцоьрla Coan＝$\theta$ еоv̂ $\mu$ оîpa the part consecrated to the god
Өeбрботоs Thess．$=$ Єebo $\delta$ отоs． 60.4

0 ©́poos＝ dд $\rho \sigma$ os． 49.2
$\theta \in \sigma \tau \omega \nu$ Phoc．$($ Stiris $)=\theta \in \sigma \theta \omega \nu .85$
0ךаupós Arg．＝$\theta \eta \sigma a v \rho \delta s . \quad 69.2$

Orampla Boeot．$=\theta \in \omega \rho l a .44 .4$
Olydiva Delph．，lid，cover（？）．Cf．He－
 38 ff．，note

Oivos Cret．$=\theta$ eios． 164.9
Otoтта⿱㇒木тоs Boeot． 69.4

 68.2
$\theta_{0-}$ Meg．etc．$=$ Oeo－．$^{\text {42．5d }}$
Ooola Boeot．＝Ovola． 24

Oбpба Arc．$=$ orpaje． 188.2
Óрретоv Epid．＝＊OU



$0 \times d \delta \delta \omega$ El．（ $\theta \bar{o} \hat{\alpha}(\delta) \delta o u)$ impose a fine． See following
Ow（c）deo impose a fine．Locr．oōtéarō， Att．$\theta$ ōầ，Delph．$\theta \omega$ eburcu．161．2． Cf．Att．$\theta \omega(\imath)$ d，Ion．$\theta \omega u \not($（37），Delph． $\theta \omega l a \sigma t s$
$\boldsymbol{\imath}$ Cypr．$=\boldsymbol{\eta} .93$
ta Lesb．，Thess．，Boeot．$=\mu$ ia． 114.1 with App．
ra00a Cret．$=$ oz̄ $\quad 81$ a， 163.8
lapecadsem Boeot．，serve as priest． 84
lapts Cyren．$=$ lepềs． 111.8

lapos，lapos＝lepbs．18．1，49．2， 58 b
tа $\sigma \sigma a=$ lov̂ $\sigma .163 .8 a$
Іјатtp Cypr．$=$ larpos．56， 164.5
tarpa re．Epid．，perquisites for healing． 165.3

रатта Cret．＝ӧ́ба．81， 168.8
${ }^{2}$ yruos Arc．$=1 \quad$ ryoos． 10

t86ios Thess．$=$ tocos． $19.3,58 \mathrm{c}$
LSt Cypr．，then，and． 134.6

Upews Mil．$=$ lepeús．48， 111.5
Lер $\ddagger \mathrm{a}=\mathrm{lépeca}$.
Lepfiua Ion． 87.2
lepts Arc．，Liepés Cypr．＝lepeís． 111.4
 Phoc．， 138.4

hpoturio Arc．，Phoc．，Rhod．，etc．，be lepoolurns．Arc．lepoturts，78， 157
lepoórns（－as），official title．Sometimes applied to priestly attendants，some－ times to priestly officials of high rank， who were even，in some places，the eponymous officers
Lеро $\mu \nu \nmid \mu \omega \nu,-\mu \nu \alpha \mu \omega v$ ，title of certain superior officials，primarily in charge of religious matters，sacred commis－ sioners，ministers of religion，but in some states the chief magistrates． Arc．hиepo $\mu \nu$ dнорбє，77．1a．Arg．， Epid．lapo（ $\mu$ ）$\mu \nu \alpha \mu$ ореs， 58 b， 89.4
iepotoos，title of officials in charge of religious matters，sometimes regular magistrates，sometimes extraordi－ nary commissioners
lepós，lepós． 58 b

i00dvies Cret．＝lovdvtes． 81 a
lOús Ion．，Boeot．＝ejoús．As in lit． Ion．，so also inscriptional loús（Ephe－ sus），tovva（Chios），though eṽovvos， tevotuva also occur．Proper names in ＇IOr－are Ionic and Boeotian
ixds $=$ elkds．116．Ther．hucdot， $68 c$
（f）ıкaनтós Boeot．＝elкобтbs． 116 with a
（f）ікать $=$ elкобц．52，61．2， 116
pukarlictos $\delta$ Heracl．，name of a par－ ticular（twenty－foot）road
fuкar（rréos Heracl．，twenty feet wide， used with avtous
lxéras Arg．$=$ lхє́rचs．App． 58 b
ixpapivos Cypr．，stricken（in battle）， hit．Denom．from lkud．Cf．tктap at one blow，at once，Hesych．ixtéa－ dкbviov，Lat．ic $\delta$
troorts Thess．＝elkoorbs． 116 with App．
Ircm $=\ddot{\eta} \kappa \omega$ ．As in Hom．and lit．Dor．， 80 also in Arc．，Delph．，Locr．，Co－ rinth．，Epid．，Lac．Cf．also Delian $\boldsymbol{l}_{\kappa o}[\nu]=$ dעท̂кov，and Ion．（Paros） perf．part．тd парıкбтa，the past
 ws．49．5，53， 58 d

hldifos Lac．，see thaos
！นんбкผ El．，probably maltreat，related to $l \mu d s, i \mu \dot{\alpha} \sigma \sigma \omega$
ใv Arc．－Cypr．$=$ èv．10， 135.4
$f l v=$ ot dat． 3 pers．pron． 118.4
flv aűrồ Cret．＝ধ̇avt $\hat{\psi} .121 .1$
tváyต Arc．$=$ elod $\gamma \omega .10$.
lvailve Cypr．，write upon．10．Cf． Hesych．$\alpha \lambda l \nu e c \nu \cdot d \lambda e l \phi \in \iota \nu$ ，and d $\lambda \in \iota-$ ттфрюу• үрафеîov．Kúтрю

tv\＆ucos Arc．，see tivoinos
ใvцєкф才я，tvцоvфоя Arc．，blameworthy， impious． 10

ใvто入\＆Arc．$=$ \＆$\mu \pi$ то入ท． 10
lvфaive Arc．$=\mu \eta \nu v{ }^{\prime} \omega$ inform in legal sense．Cf．cloфaly Ath．75A
 pasture tax，the imposition of a pas－ ture tax．No．17，note
lós Cret．＝éveîvos． 114.1
lovtఱ̂ Boeot．$=$ viov． 24

Lpeca Lesb．＝lépeca priestess． 18.1

Tocus Lesb．＝lepebs． 18.1
lрๆтєúce Lesb．＝leparebu．18．1， 167
tpos Lesb．，lpós，ipós Ion．＝lepós．18．1， $76 a$
Lpav Cypr．（lpồvi）district
floos，fíros，loos＝toos．52，54， 50 b．
Lesb．l $\sigma \sigma 0 \theta \in 0 \tau \sigma \iota, 54$ c
Ібтіa，lбтla $=$ е́ $\sigma \tau$ la． 11
 quet－hall．Cf．Hesych．loтıarbpı．

flormp Boeot．，witness． 52 c
tтты $_{\text {Tт }}$ Boeot．$=$ t $\sigma \tau \omega .86 .4$
$\boldsymbol{\iota} \boldsymbol{\omega} v=\epsilon^{t} \omega \nu .8$
lôv Boeot．＝＇̨ $\boldsymbol{\gamma} \omega \boldsymbol{\omega} \nu . \quad 62.3,118.2$
ка W．Grk．，Boeat．＝кe，גу．18．3， 184.2

кd＝кard． 95 with $a$
кd Arc．－Cypr．＝каl． $97.2,184.3$
ка（8）ба入єораب El．＝катад́ŋ入є́оцає in－ jure，violate
cá86ıఓ，gen．ca86ıxos，Heracl．，Mess．， a measure．Cf．Hesych．кd $\delta \delta \iota \boldsymbol{x}^{\circ}{ }^{*}$ ท̀uleкrov，and Lac．кd́8sı｀os urn（Plut． Lyc．12）
кабіккор Lac．＝каঠІбкоя． 86.3
кавсбта́кать Delph．， 8 pl．perf． 188.4
какрı日te Arc．$=$ катакрı $\theta \hat{\eta} . \quad 151.2$
кa入ats Epid．，probably hen．From＊ка－入afls to кa入éw as Eng．hen to Lat． canō
ка入入ú［ $\sigma \mu a]$ ra Ceos，sweepings．Cf． Hesych．$\sigma d \rho \mu a \tau a \cdot \kappa a \lambda \lambda u ́ \sigma \mu a \tau a$
ка入ғб́s Boeot．＝ка入bs． 54
кápía Lesb．＝карঠia． 19.1
кapmow offer，especially a burnt offering， in late inscr．of Cos，Smyrna，Thera， Athens，as often in the Septuagint． Cf．Hesych．карл $\omega \theta \in v \tau a \cdot \tau \dot{d} \ell \pi l \beta \omega$ $\mu 0 \hat{v} \kappa \alpha \theta a \gamma \omega \theta \epsilon \nu \tau a .-\kappa d \rho \pi \omega \mu a \cdot{ }^{\circ}$ 日vбia． Coan карт $ิ v \tau \iota, 85$ a
кגррши＝крєітт $\omega \nu .80,118.1$
картаiтоя，pl．картаlтода，Cret．large cattle，in contrast to $\pi \rho \delta \beta$ ara used of sheep and goats．Cf．кaptalmous bull， in Pindar． $49.2 a$
картеро́s Ion．，Cret．＝кратєро́s，in mean－ ing often $=\kappa$ кuplos valid．Cf．also Ion． aкрarท！s invalid，кратєīy be valid，Cret． $\kappa \alpha \rho \tau \omega \nu$ q．v． $49.2 a$
кd́ртоs＝крdтоs． $49.2 a$
 meaning $=$ кирьஸ́тєроs，as кd．ртораขs $\stackrel{?}{\bar{\epsilon}} \mu \epsilon \nu$, shall prevail，be of greater
authority．Cf．картероs．49．2 a，81， 118.1

Kapuкढ̈plō Boeot．$=\mathbf{K} \eta$ puкelov．68， 164.1

кás Arc．－Cypr．＝кal． 184.3
кar（y $\boldsymbol{n} \eta$ тоs Arc．，Lesb． 191
$-к<\sigma \omega \circ$ Arc．$=-\kappa 6 \sigma \iota o . \quad 116 a, 117.2$
 ropiov Lac．，the hunt，name of an ath－ letic game．64．Nos．70－73，note． Nouns in－ts，－ty，for earlier－cos，－cov， are frequent in late inscriptions，and originated in the reproduction of Roman proper names like Cornelius， colloquial Cornelis
ка́т＝катd́． 95
кат＇Cypr．＝каl． 134.3
катаүа入а́реvos Epid． 162.4
катаүре́ $\omega$ Lesb．$=$ каAaıp $\neq \omega$ convict，con－ demn．See dypéw
 Cf．82，85．1， 142
 $\lambda \epsilon \omega$ ． 75
кara0ivs Cret．$=$ кataeits． 78
кataifel Locr． 53
катגкл $\uparrow$ тоs Heracl．，summoned．катd－

ката入入बनб由 Arc．，intrans．，act other－ wise
ката入оßev́s Epid．$={ }^{*}$ ката入aßé́s support． 5
каталицакб́m Heracl．，cover over with stones．Cf．Hesych．入óruakes aṫpal． $-\lambda \nu \mu a \kappa \omega \theta$ ク̀s， 78
катdтєр＝ка日dтєр． 57 a．Also for кат－ $\tau \alpha \pi e \rho$, cf． $95 a, 126$
кф́тарғоs Arc．＝катdратоs． 64
 mortgage，mid．take a mortgage



 $=\kappa \kappa \theta \iota \varepsilon \rho e \dot{\omega} \omega$ in form，but in meaning $=$ катทүоре́ $\omega .12 a, 161.1$ ，no．57．2， note

－кג́ть๐ W．Grk．＝－кббюん．61．2， $116 a$ ， 117.2

катьотдцеv Cret． 57 a
катоикеlouvel Thess．＝катоккิิб．139．2， 159

катốppívtepov Arc．，see depévrepos

катல́ Arc．＝кaтd́．88， 95
каuxds Cret．$=\chi^{\alpha} \lambda_{\text {кбs．}}$ ．65， 71
$\kappa_{k}$ Lesb．，Thess．，Cypr．$=$ dv．18．3， 184.2

кeîvos $=$ èкeîvos． 125.1

$\kappa$ neveos Arc．，road． 191
ке́vто Dor．＝келто． 78

ќ́prav Lesb．＝ксpvdıac． 18 a， 155.3
кt Boeot．$=$ каl． 26
кกीvos＝éxeîvos． 25 with $a, 125.1$

$\kappa\llcorner\mathfrak{F a \lambda \lambda c i ́ \infty}$ Ion．，act as highwayman
$\kappa<\mathfrak{F} \dot{\alpha} \lambda \lambda \eta s$ Ion．，highwayman．Used with $\lambda_{\eta} \sigma \tau \eta^{\prime}$ s in no．3B19，as in Democr．
fr． 260 ed．Diels．Probably of Carian or Lycian origin
${ }_{k i s}$ Thess．$=\tau$ is．68．4，128， 181
Kıтtifs Eub． 81
k Cow a $^{\text {a }}$ Thess．，often used instead of $\sigma \tau d \lambda \lambda a=\sigma \tau \eta \lambda \eta$
$\kappa \lambda a u c t \delta_{s}$ Argol．，Mess．$=\kappa \lambda e \omega \tau \tau \delta$ ． $142 a$
$\kappa \lambda a l$ Argol．，Mess．$=\kappa \lambda e t s .142 a$
$\kappa \lambda a \hat{p} o s$ Cret．，the body of кларڤิтal or serfs attached to the estate
－k $\lambda$ das，proper names in． 166.1
$-k \lambda \epsilon f \bar{s},-k \lambda \dot{\prime} \eta \mathrm{~s},-k \lambda \lambda_{\mathrm{f}}$ ，proper names in． 108．1a
${ }_{\kappa} \boldsymbol{\lambda}$ f́qos Phoc． 53
Kiévas Thess．etc． 85 a
$\kappa \lambda(v \eta$ Naples，Cumae，tomb or niche in a tomb
ко0арбs Heracl．etc．$=$ ка日apbs． 6
$\kappa \delta \theta a \rho \sigma$ เs El．$=\kappa \dot{d} \theta a \rho \sigma$ ıs． 6
 41.4

кoเvde Thess．，Dor．＝коıข 162.2
кбцібтра тக́ Cret．，gifts． 165.3

$\kappa \delta \rho f a$ Arc．$=\kappa \delta \rho \eta . \quad 54$
корई la Cypr．＝карঠıа．5， 19.1
 $\kappa б \sigma \mu$ оя．See following．коб $\mu \boldsymbol{\nu \tau \epsilon ร , ~} 48$. 5d
кó $\mu$ ноs Cret．，the body of chief magis－ trates（collective；a single member was called кoб $\mu(\omega \nu$ ，see preceding）； later used of a single member of this body，with pl．$\kappa \dot{\sigma} \sigma \mu \mathrm{ot}$
ко́тероs Ion．＝поттероs． 68.4

кoúp $\eta$ Ion．$=\kappa \delta \rho \eta . \quad 54$


крฝıvш Thess．$=$ крivш．18， 74
кре́тоя $=$ крд́тоs． 49.2
 77.1

ктยvve Lesb．$=\kappa \pi \epsilon / \nu \omega .74$
ктolva Rhod．，a territorial division sim－ ilar to the Attic deme．Cf．кri§w， ктíls
ктоtvátas Rhod．，member of the ктоlva．
кuкd้v Epid．$=$ кขкєผ่ข． 41.4
Yúgrus Chalcid． $22 c, 24 a$

ки̂ppos Thess．＝кúpıos． 19.3
кต́pa，Cret．$=\kappa \delta \rho \eta$ ．25， 54
кんs Ion．$=\pi$ ŵs． 68.4
ム可－from $\Lambda \overline{\operatorname{a}}$－．41．4， 45.3
$\lambda \alpha \beta \omega t \sigma t v$ Chian $=\lambda d \beta \omega \sigma \iota \nu .77 .3$
$\lambda$ haßav Aegin．$=\lambda a \beta \omega \boldsymbol{\nu} . \quad 76 b$
入aүala Cret．（ $\lambda a \gamma a l e v$ ），release；aor．$\lambda a-$ үб́баı． 162.8
 （ $\lambda \alpha \delta \delta o v \sigma \theta \eta$ ）$=\lambda a \mu \beta \alpha \nu \omega$
ヘamтalwv Cret． 69.3
$\lambda a ̂ s$, gen．Cret．$\lambda$ dō̄．$^{112.4}$
ムaraíos Thess．，$\Lambda a \rho ı \sigma$ îos．No．28．19， note
入aтраь［ф́неvov］，入aтрєь́деvov El．＝入атрешbиєюу consecrated．12a， 161.1
入aфиротбльov Arc．，plundering．No． 18．11，note
$\lambda_{\text {eเторєи́ }}$ Thess．$=$ iepareúw．Cf． $\mathrm{He}-$ sych．$\lambda e l \tau о \rho \epsilon s^{\cdot}$ lépelal，and $\lambda \eta \tau \hat{\eta} \rho \in s^{\cdot} l e-$ pol $\sigma \tau \epsilon \phi a \nu 0 \phi \delta \rho o \iota$ ．＇A $\theta a \mu a ̂ \nu \epsilon s$. Thess．є $=\eta \cdot(16,38)$ ．Probably related to Att．入ectovopén（39）

$\lambda_{\text {el }} \omega$ ，see $\lambda e ́ \omega$

$\lambda_{\text {ekxoî Delph．，dat．sg．of } \lambda \epsilon \chi \omega \dot{6} .63}$
 with App．
$\lambda \hat{\epsilon} \sigma \times \propto$ Rhod．，grave．No． 94 ，note
Aecxafos Thess，epithet of Apollo． No．26，note
$\Lambda \in \tau t i v a l o s$ Thess．$=$ Aetrivalos． 86.2
$\lambda \in$ บ̂tov or $\lambda \in บ ์ T o ̄ v ~ A r c ., ~ w i t t i n g l y ~(?) . ~$ No．17．3，rote
$\lambda \epsilon \omega$ ，Cret．$\lambda_{\epsilon} \epsilon_{\omega}=\theta \epsilon \lambda \omega$ ．Doric（Cret．， Lac．，Meg．，Corcyr．，Coan，also in Epicharmus and Theocritus）and Elean．Cret．$\lambda \epsilon \ell \omega$（but subj．$\lambda \hat{\eta} \iota), ~ E l$ ． $\lambda \epsilon o l \tau a \nu$ ，elsewhere only contracted forms as $\lambda \hat{\eta} \iota, \lambda \hat{\omega} \mu \in s, \lambda \hat{\omega} \nu \tau \iota$ ，etc．
$-\lambda_{\iota a l v}$ Boeot．$=-\lambda \epsilon a l \nu \omega$, but in sense
（act．）canceling，giving a receipt for， （mid．）having canceled，taking a re－ ceipt for．Cpds．with dáv，$\delta \iota d$ ，ès
$\lambda$（ $\theta$ cos Thess．$=\lambda$ itıvos． $164.6,9$
$\lambda_{\iota \mu \eta v}$ Thess．＝áropd market－place （Thess．dं $\mathbf{\gamma}$ орд $=\dot{\epsilon} \kappa \kappa \lambda \eta \sigma(a)$
$\lambda$ เтоте ${ }^{\text {tew }}$ Locr．，leave taxes unpaid． Cf．入ıтобтратia etc．
גเซनds Cret．，insolvent（？）．No． 113. 115，note
גotis Arg．，some kind of shallow ves－ sel．Cf．入onás and $\lambda \epsilon \pi / s$
ムúтtos Cret．$=$＾úктоs．86．1

44.4
$\mu$ ह́ El．$=\mu \boldsymbol{\gamma} . \quad 15$
$\mu \alpha$ Thess．$=\delta$ §́．$\quad 134.4$
Maitus Cret．$=\mu$ deтus． $71 a$
$\mu a ́ v \mathrm{El} .=\mu \notin \nu . \quad 12 a$
$\mu a ́ v \tau o \iota$ Epid．$=\mu \notin \nu \tau o \iota . ~ 12 b$
$\mu a \sigma \tau p a \operatorname{El.,}$ accounting，or body of $\mu a \sigma \tau \rho o l$. Cf．Hesych．$\mu a \sigma \tau \rho l a l \cdot$ al $\tau \hat{\omega} \nu$ d $\rho \chi \chi^{6 \nu \tau \omega \nu} \epsilon \cup ี ้ \theta v \nu a l . ~ 12 a, 31$
$\mu$ мотpol title of（1）officers with special function，（2）at Rhodes the highest officials of the state．Cf．nos．95， 96
нaбхd入a Heracl．，hollow，marsh．$\beta v-$ $\beta \lambda$ iva $\mu a \sigma \chi$ ¢ $\lambda a \operatorname{papyrus~marsh~}$
$\mu^{\kappa}$ Cret．$=\mu$ خ． 98
$\mu \hat{\delta}<\mu \mu v o v$ Epid． 89.4

$\mu \theta$ á $\mu \rho a$ Epid．$=\mu \in \theta^{3}$ a $\mu \epsilon \in \rho a \nu$ ．Adverb formed like $\dot{v} \pi \epsilon \rho \kappa \notin \phi a \lambda a$ from $\dot{v} \pi \notin \rho$ $\kappa \in \phi a \lambda d \nu$
$\mu \in l$ Boeot．，Thess．$=\mu$ r． 16
بheidi［av］Pamph．＝$\mu \in \gamma d \lambda \eta \nu .62 .3$
$\mu \mathrm{tvoós}, \mu \mathrm{tvo} \mathrm{\delta s}$ Thess．$=\mu \eta \nu$ ．s． 77.1 ， 112.3

Mhetsios Corcyr． $76 b$
$\mu \boldsymbol{\mu}$ s Ion．，Corcyr．，Meg．$=\mu \boldsymbol{\eta} \nu .112 .3$
$\mu є \mu ь 0 \dot{\sigma} \omega v$ таь Heracl． 146.3
Mévveı Boeot．＝Mév̀js．89．5， 108.2
Mevorрáтŋяs Cret．＝Meveкрd́тทs． 167
$\mu$ и́vtov $=\mu$ évtol．No．28．38，note
$\mu$ е́рєьa．Heracl．$=\mu \in \rho$ is
$\mu$（fos Locr．，real estate．No．55．44，note
нeन＇́yyovos Boeot．，adj．with a third party．Cf．$\mu \in \sigma \in \gamma v \boldsymbol{v}^{2} \omega$ L．\＆S．
$\mu \in \sigma \delta \mu \nu \eta$ Att．$=\mu \epsilon \sigma \delta \delta \mu \eta .87$
$\mu \tilde{\sigma} \sigma \pi 0 \delta \mathrm{C}$ Thess．，until． 132.9 a
بéбropos Heracl．，intermediate bound－ ary


н́́tтєpos Lesb．$=\mu$ t́tpios． 19.2
 $5 b$
$\mu^{\prime}$ itr' $^{\prime}$ ds Cret., until. 86.4, 132.9a
$\mu$ írros Boeot., Cret. $=\mu \hat{\epsilon} \sigma o s . ~ 82$
$\mu$ eús $\mathrm{El} .=\mu \neq 1.112 .3$
$\mu \eta \delta a \mu \kappa$ © Delph. $=\mu \eta \delta \alpha \mu 00$. 132.2
$\mu \eta \delta \epsilon t a$ Lesb. $=\mu \eta \delta \epsilon \mu l a$. Cf. 114.1
${ }_{\mu} \eta_{\mathrm{e}} \mathrm{e}_{\mathrm{s}}=\mu \eta \delta_{\epsilon} l_{\mathrm{s}} .66$
$\mu$ भ̂vvos Lesb. $=\mu \eta \nu$ s. $\quad$ 77.1, 112.3
$\mu$ is Heracl. $=\mu \eta \nu, 112.3$
 applied to Spartan boys in the third year of their public training. 84, nos. 70-73, note
Mivт $\quad$ Arg. $=$ M $\lambda_{\tau \tau \omega \nu . ~} \quad 72$
Mipyos Eretr. $=$ Migros. 60.4
$\mu \iota \sigma$ тоs Cret. $=\mu \omega \sigma \theta s .85 .1$
$\mu \nu а \mu \mu \varepsilon$ iov Thess. $=\mu \nu \eta \mu \varepsilon i o \nu . ~ 89.3$
Mvaroâ Thess. = Mvaбla. 19.3
$\mu$ оía Lesb. $=\mu 0 \hat{\sigma} \alpha, \quad 77.3$
$\mu 0 เ x \epsilon_{\omega}$ Cret. $(\mu \circ u x(\bar{\delta} \nu$ etc. $)=$ Dor. $\mu 0 t-$ $\chi \dot{d} \omega=\mu \circ \chi \chi{ }^{\prime} \dot{\omega} \omega .161 .2$ with App.
$\mu$ о仑̂vos Ion. $=\mu$ boos. 54
$\mu \nu X{ }^{\circ}$ S Heracl., storehouse, granary
$\mu \omega ึ$ Lac. $=\mu \hat{v} \sigma a . \quad$ Cf. $69.1,77.3$
$\mu \omega \lambda \epsilon \omega$ Cret. ( $\mu \overline{\overline{0} \lambda \epsilon \nu, \mu \omega \lambda \epsilon \nu, \text { etc.), contend }}$ (in law). So also Cret. $\alpha \mu \phi(\mu \omega \lambda \epsilon \omega$, $\alpha \mu \phi l \mu \omega \lambda o s, d \nu \tau l \mu \omega \lambda o s, d \pi o \mu \omega \lambda \epsilon \omega$, adv.
 $\chi$ пбєєта. Related to Hom. $\mu \hat{\omega} \lambda$ os contest. Cf. arwiľoual as a law-term in Attic
$\mu \omega ิ \sigma a=\mu 0 \hat{\sigma} \alpha .77 .3$
vacíc Cret., take refuge in a temple vakopos, see $\nu \epsilon \omega \kappa \delta p o s$
$\boldsymbol{v a}(f) \mathrm{O}_{\mathrm{s}}=\boldsymbol{\nu} \in \dot{\omega} \mathrm{s} .41 .4,53,54 f$
vamoíal, see עe $\omega \pi$ oins
vav̂os Lesb. $=\nu \in \omega$ és. 35, $54 f$
vєцоиๆla. Cret. = veou $\boldsymbol{\eta}$ la. No. 113.146, note
veotras Cret., an official body of young men, gen. vétas, acc. véta. 88 a
vєшкброs Ion., Delph. vaoкброs, Delph., Epid., Coan vaкboos (41.4,45.3), custodian of the temple, sacristan. In some places the office became one of considerable rank and honor
veшroins Ion., Coan varoîa.. 31, 41.4.
 Title of officials in general charge of the affairs of the temple
 60.2
$\boldsymbol{v} \boldsymbol{v} \boldsymbol{v}=\boldsymbol{\varepsilon}$. 118.5
42.



$\boldsymbol{\nu} \boldsymbol{\mu}$ соs Locr. $=\nu 6 \mu \mu$ оs. 164.9
voros Heracl., a coin. Cf. Lat. nummus
voorós Ion. veoorobs. 48.5d
vобтiттн $\mathrm{El} .={ }^{*} \nu 0 \sigma \tau i \xi \omega, \nu 0 \sigma \tau \epsilon \omega .84$
vu Cypr., Boeot. 184.5
vóvaцac Cret. $=\delta$ ঠ́va $\mu a \iota . ~ 88$
vuttl Cret. $=$ vuktl. 86.1
$\xi \in i v o s$ Ion. $=\xi \in v o s . \quad 54$
Elevfapys Corcyr., El. 54
$\xi$ tvvos Lesb. $=\xi \in \boldsymbol{\nu}$ os. 54 b
Ecvodical Locr., Phoc., title of judges in cases involving the rights of $\xi \in \mathcal{\xi} 0 . . \xi \epsilon-$ vooinns is used by a late writer to translate the Latin praetor peregrinus
$\boldsymbol{\xi}$ úv = $\sigma$ v́v. 135.7
Evods Ion. $=$ кoıv 6.135 .7
$\dot{b}=\delta .58 a$
${ }^{*} \mathrm{Oa}_{\mathrm{F}} \mathrm{os}=\mathrm{Fd} \xi_{\mathrm{os}} . \quad 51$ a
 49.3, 68.1, 89.2
óyסoins, óyסoเtккоvтa. 31 a

оуббккогта Ion. = бүбоүкоута. 44.2


ótos Cret. $=8$ бos. 82

fot $=$ ol dat. 3 pers. pron. 118.4
foıки́tas = oiкє́т $\eta$ s. 167
fouccós Cret. $=$ olкétクs. 167
foîkos $=$ oikos. 52
folkw Delph. $=$ olк $\delta \theta \in \nu, \quad 132.7$
foivos =oivos. 52
otfos Cypr. = olos alone. 53, 191
olmev, olmhe, see otp $\omega$
ois Delph. $=$ ot. 182.3
holfovet Heracl. = otgovtı. ${ }^{58} \mathbf{d}$
oldw Cret. (ol $\pi \in \nu$, ot $\pi \bar{\epsilon}$ ), Ther. (olm he etc.), Lac. (Hesych.), have sexual intercourse

б́каи Lesb. $=8 \pi \eta . \quad 68.4$
$8_{к к а}$ for $8 к а к а=8 \tau а \nu .132 .9$
һоктакаттьь Heracl. $=$ бктакббюю. 68 с
óктd́кıv Lac. $=$ óктd́кıs. 133.6
о́ктб Lesb. = иктஸ́. 114.8
óктт@ Ephes. App. 89.1
hoкт $\omega$ Heracl., Ther. = $\boldsymbol{\kappa \kappa \tau} \dot{\omega} .58 c$, 114.8

${ }^{\mathrm{j}} \mathrm{\lambda}$ Cos $=\delta \lambda$ lyos． 62.3

入oyla
і̀
ov Lesb．，Thess．，Cypr．＝dvd． 6
 164.9
óvypáqatv Thess．$=$ devaypaqua．27， 156
8ve Thess．$=8 \delta \mathrm{e} .123$

$\delta \nu$ Arc．$=8 \delta$ e． 123


ठov Arc．－Cypr．$=88$ e． 123

$8 \pi a t=8 \pi \eta$. Cret．$\delta \pi a l$ also final． 182. 5， 8 a
$8^{8 \pi t}$ W．Grk．$=8 \pi 00$
$\delta \pi t \rho$ Boeot．$=\dot{\text { un }} \boldsymbol{t} \rho$ ． 24
б̈тї Cret．，where，when，Lac．hbтē as． 132.6
$\delta_{\pi \iota}$ Cypr．in $\delta \pi \iota \sigma \iota s=\delta_{\sigma \tau \iota s}$ ？131，no． 19．29，note

 $=' 0 \pi 0 \hat{y} \tau \iota$ ，＇0тоиขтlous，etc．44．4， 45．4，53， 58 d
фто́тароя El．$=\boldsymbol{\delta \pi}$ бтероs． 12
 82
$\delta_{\pi \pi a}$ Lesb．$=8 \pi \eta . \quad 129.2,182.5$
$\delta^{6} \pi \pi$ mes Lesb．$=8 \pi \omega$ ． 129.2
 Epidaurian（ - inos and－indos，no． 92 passim），as Laconian in Plut．Lyc． 11，and in the writings of Archytas and Phintias．$\delta \pi-\tau-$－$\lambda$ os（cf．$\delta \pi-\tau \eta \rho$ etc．）like vau－T－（inos beside vau－rचs

$8_{\pi \mathrm{ut}}$ Cret．$=8 \pi 0 \mathrm{c} .182 .4$
8 \％us Rhod．＝ 8 тог． 132.4
$8 \pi \omega$ Dor．（Cret．$\delta \pi \bar{\sigma}$ ，Lac．$h \delta \pi \overline{0}$ ）$=\delta \pi \delta-$ $\theta \in \nu .132 .7$
 $97 a$
 note
$8_{\mathrm{p}}^{\mathrm{p}}$ os Corcyr．$=8$ pos． 51
$\delta \rho k<\xi_{\omega}=\delta \rho \kappa \delta \omega .162 .1$
opkıた̄́тepos Cret．，having preference in the oath
һоркопотаи Locr．，jurors
$\delta \rho v \imath \xi=\delta \rho \nu 1 \mathrm{~s} . \quad 142 a$
${ }^{\text {hóppos Corcyr．，}}$ бpos Heracl．$=$ бpos． 54， 58 d

opús Cypr．，see $\mathbb{k} \xi$ doúse
 officers appointed to look after the af－ fairs of orphans or minors．Cf．Att． бофарофи́лакеs

$\delta_{\sigma L a}$ Arc．，Locr．$=\delta_{\sigma \iota \alpha} .58 \mathrm{~d}$
бта Lesb．$=$ бтсе．18．3， 182.9
óreios Cret．$=\delta \pi$ о̂os，$\delta \sigma \tau$ ts．68．1， 180
$\delta_{\text {repos }}$ Cret．$=\boldsymbol{\delta}$ тотероя． 127

бтиц Cret．＝ $\boldsymbol{\sigma}$ เข． $128,129.2$

бттоs Cret．$=$ ббos． 82
ousts Lac．$=$ oubels．$\quad 114.1$

obecls＝oúdels． 66
 Cf．Hesych．oùnoxbov．dryeiov els ：
 Ovสเิ้̂

－ṽpetov，※petov Cret．，guard－house．From oüpos watcher，like Att．фpoúplov from $\phi \rho o u p$ bs
－ن่คरíco Cret．，watch
oupos Ion．$=8$ pos． 54
ovito，ovita，etc．Boeot．＝тoûto，taûta， etc． 124
o $\boldsymbol{\phi}_{6} \lambda_{c o s}$ in aorist and perfect，be con－ demned to pay，be adjudged guilty． So Arc．aor．infin．$\delta \phi \lambda \in \nu$ ，perf．［ $\mathrm{F}^{\circ}$ ］－
 138．4， 146.1
òфpús Arg．，ramp．No．82．Cf．L．\＆S． s．v．II
$\pi \mathrm{af}, \operatorname{\pi al}=\pi \hat{\eta}, \pi \eta . \quad 132.5$
$\pi a \iota \rho / v$ Eretr．＝$\pi a \sigma \sigma / \nu .60 .3$
 Frequent in Lesbian and Cyprian， occasionally elsewhere
таî́a Lesb．$=\pi$ â $\sigma a . \quad 77.3$
та̂ $\mu \alpha=\kappa \tau \hat{\mu} \mu \alpha .49 .5 a, 69.4$
таратофаүєоран Lосr．$=\delta \eta \mu$ обье́ораи． 49.5 a

тарехх tov Heracl．，possess．Cf．Hesych． $\pi a \mu \hat{\omega} \chi o s \cdot \delta$ кúpoos．＇Ira入ol，and $\pi a \mu \omega-$

Пavaүbpocos Arc．，name of a month
 $80 a$
ravafurroc Cret．，ungirded？No． 113. 11，note
 a month
whora Arc．，Arg．，Cret．，Thess．＝ $\pi$ тãa． 77.3
таvтâ Heracl．$=$ пdurt .132 .5
ravtrios Cypr．，with all salable prod－ ucts（cf．थैwos）．No．19．9，note
тйp $\mathrm{El} .=\pi \in \rho l$ ．12， 95
$\pi \operatorname{mb}^{2}=\pi$ apd． 95
maph with acc．for dat． 186.2

 $\mu \mathrm{a} \xi \in \boldsymbol{j} \omega$ ．No．17．23，note
таратробт́́таs Agrig．，an adjunct $\pi \rho 0-$ $\sigma \tau$ dras or presiding officer of the coun－ cil．Cf．таратритávess in Teos
тар $\beta$ д $\lambda \omega$ Delph．$=\pi а р а \beta a i \nu \omega$ trans－ gress

тарк\｛av Boeot．$=\pi а \rho \eta$ бау． 138.5
таркis Boeot．$=\pi$ па $\rho \hat{\nu} \nu .168 .3$
 $\tau d \xi \omega)$ ，and so approve．$\pi a \rho e \tau d \xi \omega \nu \sigma$ （no．19．29），142．$\pi \alpha \rho h e r a \xi a \mu \hat{\nu}{ }^{2}{ }^{2}$（no． 17．20）， 178
тapis Boeot．$=\pi a \rho \eta ิ \nu . \quad 16 a$
тарка（ $\theta$ ）$\theta$ ккк Lac．$=$ тараката $\theta \eta к \eta$
Парбх $\theta$ соs，see Пep $^{\text {人 }} \boldsymbol{\theta e o s}$
IIaбレd́Safo Gela．105．2a
$\pi \dot{\sigma} \sigma \kappa \omega \mathrm{El} .=\pi \dot{\alpha} \sigma \chi \omega . \quad 66$
тaбovסıá！${ }^{2}$ Lesb．，assemble． 96.2
$\pi a \sigma \sigma v \delta i \eta \iota$ Ion．$=\pi a \nu \sigma v \delta i \eta \iota .96 .2$
тd́бтas Cret．，owner． $49.5 a$
татd́pa Locr．＝$\pi a \tau \epsilon \rho a .12$－
тג́rpa Arc．，Dor．＝$\gamma^{\epsilon}{ }^{\text {vos }}$ gens．Ion． $\pi \dot{d} \tau \rho \eta$ also，rarely，in this sense
тaтpıá Delph．，Elean $=\gamma \in v o s$ gens，as in Hdt．1．200
 Law－Code VII．15，note（p．270）
$\pi \ell$ Arc．$=\pi \epsilon \delta \alpha, \mu \epsilon \tau \alpha .95,185.5$
те $\delta \dot{\alpha}=\mu \in \tau \dot{d} . \quad 185.5$
Пeठаүєlтvios＝Мета－． 135.5

тeठбja Cypr．$=\pi \varepsilon \delta l o \nu$


Пıилеттрот（סas Boeot． 68.2
тєíal Thess．$=$ тєíaa． 68.2
тelö Cypr．＝тєíce． 68.1
$\pi$ riavos，originally a cake offered to the gods，but also applied to an offer－ ing of money．So in no．82，as in
some inscriptions of Delphi and Amorgos

menekus（or $\pi \in \lambda_{e k v}$ Cypr．，used of a sum of money equal to 10 minae．

 ors．Used elsewhere with other val－ ues；cf．Hesych．s．v．$\pi \in \lambda_{\text {env }}$

тєртє Lesb．，Thess．$=$ теथтe．68．2， 114.5

тevтaherppls Heracl．＝тevtaerทpls． 58 c
 mapitas．12，no．51D 16，note
$\pi e v \tau \eta \kappa \delta \nu \tau \omega \nu$ Chian $=$ gen．pl．of $\pi \in \nu T \nmid-$ коута． 116
тะvторкіa Locr．，quintuple oath，oath sworn by five gods． 58 d
$\pi \hat{\text { vios Cret．，}}$ Amorg．$=\pi \in \mu \pi \pi$ оs．86．2， 114.5 with App．
 156
 $2 a, 146$

$\pi \epsilon \rho=\pi \epsilon \rho l .95$ with App．
тьpaiow Cret．，set aside，repudiate（the purchase of a slave）．Law－Code VII．10，note
тepıßodı $\beta_{6 \infty}$ Rhod．，fasten round with lead． 88
тер $\delta$ роро ，officials at Mytilene，clerks of the court
Heppo日aplat Locr．6， 95

 ethnicon．App．12， 95
Пе́ррацоя Lesb．$=$ Пріаноs． 19.2
$\pi \dot{\pi} \sigma \sigma u p e s$ Lesb．$=\tau \in \tau \tau a \rho e s$. 68．2， 114.4
Петаүеітvios＝Mera－． 135.5
$\pi$ кiтevpov Orop．$=$ oavis wooden tablet． Same word as réravpov springboard and perch for fowls
IIer0a入ós Thess．$=$ Өev $\sigma a \lambda$ bs．65，68．2， $81 b$
тетрд́цєtvov Boeot．$=\tau \in \tau \rho \alpha \mu \eta \nu \circ \nu . \quad$ Cf． 68.2

лі́тратоs Boeot．$=$ тє́тартоs．$\quad$ 49．2a， 68．2， 114.4
$\pi \ell \tau т а р е s$, тєттара́кочта Boeot．$=\tau \epsilon \tau \tau a-$ рея，теттарако⿱та．68．2，114．4， 116
$\pi \in \dot{0} 0 \infty$ Cret．（ $\pi \in \dot{\omega} \theta \in \nu$ ），inform． 162.9
 2， 147.3

тефитеvк\｛िцу Heracl． 147.2
$\pi \nmid \lambda \nu u L$ Lesb．$=\tau \hat{\eta} \lambda \epsilon . \quad 68.2,182.4$
$\pi$ төठ $\omega$ Boeot．$=\pi e l \theta \omega . \quad 168.3$
тloupes Hom．$=$ tetrapes．11， 68.2
$\pi \lambda$ ayos Heracl．，side
$\pi \lambda a \theta$ íovтa $\mathrm{El} .=\pi \lambda \eta \theta$ и́ovт.$~ 15$
$\pi \lambda a ́ v$ Dor．etc．$=\pi \lambda \eta \nu$
$\pi \lambda$ és Lesb．$=\pi \lambda$ éoves． 118.2
$\pi \lambda$ evplds， $\mathbf{- \alpha \delta o s ~ H e r a c l . ~}=\pi \lambda e v p d$
$\pi \lambda i \theta_{a}$ a Locr．$=\pi \lambda \hat{j} \theta$ os majority
$\pi \lambda \eta \theta \operatorname{vis}_{s}=\pi \lambda \hat{\eta} \theta o s$ ，as in Homer．Cret．
the amount，Locr．the majority
$\pi \lambda$ los Cret．$=\pi \lambda$ ées $=\pi \lambda$ éo $\quad$ 9．4， 42. 3， 118.2
$\pi \lambda$（ut Cret．$=\pi \lambda \epsilon_{0} \nu . \quad 113.2,182.4$
$\pi \lambda \delta_{s}$ Arc．$=\pi \lambda \epsilon \epsilon_{0} .42 .5 d, 118.2$

тохбиеvov Cypr．$=$ тробехбиенор adja－ cent to．Cf．тробех trs． 69.4
$\pi 60$ ukes Lac．$=\pi \rho o \sigma \eta$ коитes．For stem


$\pi \delta 00 \delta o s=\pi \rho b \sigma 0 \delta o s . \quad$ Cf．$\pi$ тот $i=\pi \rho b_{s}$
$\pi 600 \delta \omega \mu$ а Boeot．，Epir．$=\pi$ рббобоя． 164.9
$\pi \mathrm{ol}$ Argol．etc．$=\pi \rho b$ s． 135.6 b
тоиivtal Phoc．$=$ поюô̂vrat． 158
тоһvat Arc．$=\pi 0 \iota 0 \hat{\sigma} \sigma$ ．77．3， 157
точfíw Arg．，Boeot．，El．$=$ тоtéw． 53


 Cf．$\pi$ ol $=\pi \rho b s, 185.6 b$

Holrios Cret．$=$ Húgos． 63
тбка W．Grk．，Boeot．＝тбте． 13.3 with App．， 132.9

$\pi \delta \lambda_{\text {cp }} \mathrm{El} .=\pi$ бोıs． 18 b
 magistrates in charge of public build－ ings，streets，etc．，like the Roman aediles．Called d $\sigma \tau v \nu \delta \mu o c$ at Athens， Rhodes，etc．

$\pi 0 \lambda \iota a ̂ x \circ s$ Lac．$=\pi 0 \lambda \iota o \hat{\chi}$ оs． 167
$\pi \delta \lambda_{\iota \varepsilon}=\delta \tilde{\eta} \mu \circ$ ．Especially frequent in decrees of Phocis，Locris，Thessaly， and other parts of Northwest Greece， and notably in Crete，where it is al－ most constant
$\pi \pi^{2}$ is Lesb．nom．pl． 109.8


мо入เтf $a=$ то入ıгеіа． $28 a$
$\pi \delta \lambda \lambda \cos$ Thess．$=\pi \delta \lambda \cos$（ $\boldsymbol{\pi} 6 \lambda$ ews $). \quad 19.3$ mövḕ，mōviol，etc．Cret．，see $\phi \omega \nu \epsilon \omega$
Пohoifáv，Пohoifava Lac．$=$ Побei $\delta \hat{\omega} \nu$ ， Побеєбінı．41．4，49．1，59．1， 61.5
$\pi<\pi \pi$ áv Cret．$=\pi о \mu \pi \neq 1 \nu . \quad 69.3$
$\pi \delta \rho v o \psi$ Boeot．，Lesb．$=\pi \dot{\alpha} \rho \nu о \psi . ~ 5$
торті Cret．$=\pi \rho$ о́s．61．4， 70.1
$\pi \pi_{s}$ Arc．－Cypr．$=\pi \rho 6$ s． 61.4
ПoretSav Lesb．，Пoreidav late Dor．＝ Побебิิิ，41．4，49．1， 61.5

Hoбlסacos，Ion．Hoorifflos． 49.1
Пogoıঠáv Arc．$=$ Побєє $\delta \omega \hat{\nu}$ ．41．4，49．1， 61.5
$\pi \delta т=\pi 0 \tau l, \pi \rho 6$ ． 95
тотатотьтатш Boeot．$=\pi \rho о \sigma а т о т е н \sigma d-~$ $\tau \omega .68 .2$
 4，49．1，58， 61.5
Потel（Souv Thess．$=$ Пoбetঠิิv． 41.4 c

тоте入ф́тӧ Arg．enforce．See $\boldsymbol{\epsilon \pi} \ell \lambda a \mu$ ． 162.4

тотt $=\pi \rho 6$ s．$\quad 61.4,135.6$
Потl\＆avov Carpath． 49.1
тотькגalyo Heracl．，be close to，adja－ cent to． 142 a
тотьбкגттш Heracl．$={ }^{*} \pi \rho \rho \sigma \sigma \kappa \alpha \pi \tau \omega$ dig up to，heap earth upon
Пото／fav，Lesb．（？）．＇ 49.1
$\pi$ тдцата Boeot．$=\pi$ ддата． 69.4
$\pi \rho \alpha \delta \delta \omega$ Cret．$=\pi \rho d \tau \tau \omega .84 a$
трабобvтаббь Heracl． 107.3
тра̂тos W．Grk．，Boe日t．$=\pi \rho \hat{\omega} \tau 0 s .114 .1$
треіүия，треtүсutás，треүүevtás，треl－
$\gamma_{\omega v,} \pi \rho \in(\boldsymbol{\gamma} \omega \tau \cos$ Cret．$=\pi \rho \epsilon \sigma \beta v s, \pi \rho \in \sigma-$

1， 86.3 with $a$
$\pi \rho \in i v$ Cret．$=\pi \rho l \nu . \quad 86.3 a$
$\pi \rho \in \iota \sigma \beta_{\epsilon} l a$ Thess．$=\pi \rho \in \sigma \beta \in i a .86 .3 a$



$\pi \rho \nmid \tau \tau \omega$ Eub．$=\pi \rho \alpha \tau \tau \omega .81$
$\pi \rho \hat{\chi} \boldsymbol{\mu} a$ Chian $=\pi \rho \bar{\gamma} \gamma \mu a, \pi \rho a ̂ \gamma \mu a .66$
$\pi \rho i$ óm Heracl．$=\pi \rho(\omega . \quad 162.3$
$\pi \rho \iota \sigma$ кíes Boeot．$=\pi \rho \epsilon \in \sigma$ ects．68．1， 86.3
троаүор ${ }^{(\omega)}$ Agrig．，be продरopos，presid－ ing officer of the $d \lambda i a$
 89．3， 157 a．See drpéw
 adpet $\omega$
$\pi \rho_{0} \beta \in t \pi$ áhas Lac．$=\pi \rho o \epsilon เ \pi \dot{d} \sigma a s . \quad$ 51， 59.1
$\pi \rho 6 \theta 0 a$ Cret．$=\pi \rho b \sigma \theta \epsilon v .133 .1$
$\pi \rho \circ \xi \in v v 10 \hat{v}$ Thess．$=\pi \rho \circ \xi \in \nu 1 \omega ิ \nu . \quad 19.3$ ， 41.4 c
$\pi \rho \delta \xi=\mathrm{yfos}$ Corcyr．$=\pi \rho 0 \xi \in \operatorname{los} . \quad 54$
$\pi \rho \sigma \xi \eta$ vos Cret．$=\pi \rho b \xi \in \cos .54$
$\pi \rho \delta \sigma \theta a$ Dor．$=\pi \rho \sigma \sigma \theta \epsilon \nu .183 .1$

prior date．Cf．entyevis，мeтarevis，
etc．138．1，no． 16.30 ff．，note
$\pi \rho \circ \sigma \theta$（ $\delta 10$（ $\pi \rho \circ \sigma \tau \iota \zeta(\bar{o} \nu)$ El． 165.2

78， 157
$\pi \rho \delta \sigma \tau a$ Delph．$=\pi \rho \sigma \sigma \theta \in \nu . \quad 85.1,133.1$
тporráris．（1）As at Athens，one who looks after the rights of aliens．So in no．65．34．（2）The chief magistrate of a city or state．（3）$\pi \rho o \sigma \tau \dot{d} \boldsymbol{r a l}=$ Att．mpuravets．So in Cos，Calymna， Cnidus，etc．
 $157 a$

$\pi р$ отаvis Lesb．（rarely Att．）$=\pi \rho u ́ t a v i s$.
The more usual prefix $\pi \rho 0$－replaces
here the related but uncommon $\pi \rho u$ ．
тротєреla Heracl．$=\pi$ ротєраіа the day before
тротпи Boeot．，formerly．123， 133.1

тршүyvivio Heracl．，be surety
 44.4
$\pi т \delta \lambda є \mu о я=\pi б \lambda е \mu о s . \quad 67$

truas $\delta$ Boeot．$=$ mola． 30
Пúppos，$\Pi_{u p p l a s, ~}^{\text {пи }}$ etc． 54 c

$\Pi$ útros Cret．$=\Pi u ̈ \theta$ cos． 63
$\pi \hat{\omega}$ Dor．etc．$=\pi \delta \theta \epsilon \nu . \quad 182.7$


$\dot{\beta} \dagger \tau \rho a$ ，originally speech or verbal agree－ ment，but in dialects other than Attic－Ionic also used of a formal agreement，compact，decree，law．Cf．
 ouv0incav according to the laws and the contract，Photius $\beta \hat{\eta} \tau \rho a \cdot$ Tapav－ тîvoc $\delta e ̀ \nu \delta \mu o u s$ кai otov $\psi \eta \phi i \sigma \mu a \tau a$ ，and L．\＆S．s．v．II．So El．f $\rho \dot{\alpha} \tau \rho a$ compact， decree，Cypr．fpeta compact，prom－ ise，fpetd $\omega$ promise．15，55， 70.3
phofaî́t Corcyr．53， 76 b

مoyds Heracl．，granary．Cf．Hesych． poyol－$\sigma$ col $\sigma$ ctukol，$\sigma$ citoßo入 $\omega$ ves，and


§ofos Cypr． 63.

$\sigma$ बá Meg．$=\tau l \nu a .128$
$\sigma a \delta p \alpha_{\pi} \alpha_{s}=\sigma a \tau \rho \alpha \pi \eta s$ ．Still other vari－ ations in the transcription of the Persian word（ $\left.\chi z ̌ z \theta^{r} a p \overline{a v a}\right)$ areseen in
 $\tau \rho d \pi \eta s$
Eakpínts Arc． 41.2
$\Sigma$ галацбva El．$=\Sigma \Sigma \lambda \mu \omega ́ v \eta .48$
$\sigma$ арраєш Heracl．，make mounds or pits （？）．Cf．Hesych．$\sigma a \rho \mu b_{s} \cdot \sigma \hat{\omega} \rho o s \gamma^{\gamma}{ }^{\prime}$ $\kappa a l$ кd $\lambda \lambda \nu \sigma \mu a$ ，but Etym．Mag．$\sigma d \rho \mu a$－ $\chi \boldsymbol{d} \sigma \mu a$
इavyivels，Zavkpárels Boeot． 41.2
$\sigma$ edáva Dor．etc．，$\sigma$ dárvva Lesb．$=\sigma e$－ $\lambda \eta \nu \eta .76$
Ee入ıvoevtl，इè ${ }^{2}$ เซóvtiol． 44.4
$\sigma_{\text {ós Lac．}}=\theta \epsilon$ bs． 64
$\sigma$ ©s Cypr．，gis Arc．$=$ rıs．68．3， 128
otrayiprat Heracl．，receivers and in－
 oırwvias at Tauromenium，$\sigma \iota \tau о ф \dot{\text { úa }}$－ kes at Athens，Tauromenium，etc．， $\sigma \iota \tau$ ŵval at Athens，Delos，etc．
$\sigma(\tau \eta p ı v$ Eretr．$=\sigma l \tau \eta \sigma \iota \nu .60 .3$
$\sigma \kappa c u d o ́ v \mathrm{El} .=\sigma \kappa e v \epsilon \omega \nu .12 a$


бxupos Coan，Epid．，Syrac．，Ther．＝ $\pi$ upbs
бтdia Dor．etc．，$\sigma$ тdida Lesb．，Thess． $=\sigma \tau \eta \lambda \eta$ ． 75
oтaptos Cret．，a subdivision of the tribe．49．2a
бтłya Cret．，house．Law－Code III．46， note

$\sigma \tau \notin \tau \omega \omega$ Coan $=\sigma \tau \epsilon \phi \omega$ ．No．101．29，note

бтефávol Lesb．App． 159
бтефаv由ผ $=-6 \omega .159$ with App．
бтє申ढv Ion．，ridge． 165.4
$\sigma$ rolxeıs Lesb．$=\sigma$ ročéwv．78，157．1
бтovofa（ $\sigma$ ） $\boldsymbol{\sigma}$ av Corcyr． 164.2
бтортd，$\sigma$ тортdios Arc．$=$ d $\sigma \tau \rho a \pi h$ ， dंбтратаios．5， 31
бтротауоя Lesb．$=\sigma \tau \rho a \tau \eta \gamma \delta$ s．$Б$

бтротиштая Boeot．$=\sigma \tau \rho a \tau เ \omega ́ \tau \eta s . ~ Б$

бтро́тоя Lesb．，бтрото́s Boeot．$=\sigma \tau \rho a-$ tbs． 5
orpoфd́ Delph．，turn of the road（？）．See no． 51 C33，note
бúyppaфos Arc．，Boeot．，Argol．＝$\sigma v \gamma$－ र $\rho a \phi \dot{\eta}$ contract
ovyxéar Ion． 144
नu入a（Ē El． 157 b
бчитเтíк凶 Delph．，invite to drink to－ gether
ouvaption Arg．，belong to the body of d．prûvaı．No．78．2，note
．$\quad$ vvapхобтат\＆Phoc．，join in appoint－ ing magistrates
नuvסavxvaфброь Thess．，fellow סaфvך－ фбро．．See saú $\quad$ va
नuvh＇́p§ovrt Heracl．，enclose，cut off（the roads）．Heracl．Tab．I． 130 ff．，note
бvveनod88 Cret．$=\sigma v \nu-\varepsilon \kappa-\sigma d \tau \tau \omega$ assist in carrying off．Cf．хрخиала éкбккед－ §єเv Strabo． $84 a$
 $\kappa \lambda \eta \sigma$ ia． 164.9
$\sigma v v \tau$（ 163.10
$\sigma \phi d 86 \omega$ Boeot．，$\sigma \phi$ gic Ion．$=\sigma \phi d \tau \tau \omega$ ． $84 a$
$\sigma \phi$ ets Arc．$=\sigma \phi$ lot． 119.4
－фทvórovs Ceos，having wedge－shaped feet
$\sigma$ фux $=\psi v \chi$ भ． 87
$\sigma \boldsymbol{\omega}, \boldsymbol{\sigma} \omega-, \Sigma \omega_{\omega-.} 41.2$
rayd Thess．，time when there is a ravbs， hence time of war：No．33，note
тayeím Delph．，Thess．，hold the office of $\tau a \gamma b$
rayos，official title，Cypr．，Delph．， Thess．In Thessaly applied to（1）a military leader of the united Thes－ salians appointed only in time of war（cf．no．33，note），（2）city offl－ cials like the doxovecs of many places． At Delphi，officials of the phratry of the Labyadae（no．51）
тal＝al． 122
тat El．＝$\tau \dot{d} \delta \epsilon . \quad 122$
rals Lesb．，El．$=\tau$ ds． 78
$\tau \alpha \mu \nu \omega=\tau \epsilon \mu \nu \omega .49 .4$
тâpos Thess．，of the present time（ $r \boldsymbol{\delta} \boldsymbol{r} \hat{\alpha}-$ $\mu \mathrm{\nu}$ the present one，no．28．44）．Cf．$\tau \boldsymbol{\eta}-$ mos to－day，Apoll．Rh．4．252
тdue Thess．$=\tau$ тd́c． 123
тav〔 Boeot．$=\tau \boldsymbol{\eta} \boldsymbol{\gamma} \boldsymbol{\sigma} .122$


Táves $=\tau$ ds．$\quad 78$
távv Arc．$=$ td $\delta$ e． 123
таôta East Ion．＝taûra． 33
Td ${ }^{2}=\tau$ ds． 78
тavtâ Lac．＝тaútp thus．$\quad 132.5$ a
таи̃тat＝à̃тal． 124
таútē $\mathrm{El} .=$ таüt $\eta$ here． 132.6

т $\in \theta \mu$ Los Dor．$=\theta \in \sigma \mu$ cos． 164.4
т $\epsilon \theta_{\mu} \delta_{s}$ Dor．$=\theta \epsilon \sigma \mu \delta \mathrm{s} . \quad 164.4$
reife W．Grk．＝т $\hat{\delta \epsilon}$ here． 132.2


тéкva Locr．$=\tau \epsilon \chi \chi \nu \eta .66$
тe入apt（v）Arg．，support．No．77，note
тeגeota El．o．ficial．Cf．rèos office． 105．1a
телєनтрa тá Ion．，Coan，expenses of inauguration
те入єофорі̀vтеs Cyren． 157
$\tau$ tices Coan $=\tau \in \lambda$ etos．48， 276
тлораи Cret．$=$ ббодаи． 163.10
тtos Dor．$=$ бov． 118.3
тés Dor．，Lesb．，tios Boeot．$=\sigma$ ós． 120.2

тtpros Lesb．$=\tau \rho i$ itos． 18
 trees．Cf．Hesych．$\tau \epsilon \rho \chi \nu \in a \cdot \phi u \tau d$ עéa and $\tau \rho \epsilon \chi \chi^{\nu o s} \cdot \sigma \tau \epsilon \lambda \epsilon \chi 0 s, \kappa \lambda d \delta o s, \phi u \tau 6 \nu$, $\beta \lambda \alpha \sigma \tau \eta \mu a$
tícoapes，tiorepes． $54 e, 81,114.4$
 рdкорта． 116
тєтартє́s Coan，a measure，like éктés＇s
ті́тартоs，тє́тратоя．49．2a， 114.4
$\tau$ ттореs W．Grk．$=\tau \epsilon \tau \tau a \rho \epsilon s .54 e, 114.4$ ． Acc．pl．， 107.4
тетраккь Lac．$=$ тет $\rho$ ккıs．$\quad 183.6$
тетрфккогта W．Grk．＝теттардкоута． 116
тíтpopov Heracl．，group of four bound－ ary stones． 41.2
тêbe El．$=\boldsymbol{\tau}$ र̂ठe here． 132.6
Thuol Ion． 37
Tîva，Tтๆ̂va Cret．＝Z

тी̂vos＝éккêvos． 125.1
$\tau$ г $\theta \eta \nu \tau \iota$ Mess．$=\tau \iota \theta$ जिनı． 151.1
т（ $\mu \mathrm{al}$ Lesb．App． 159
 $\boldsymbol{\kappa} \boldsymbol{\lambda} \hat{\eta} s$ etc． 167
$\boldsymbol{\tau} / \mathrm{v}$ Dor．$=$ ool． 118.4
 érīa）in Attic and elsewhere， 28 a． $\pi \in l \sigma \omega, \notin \pi \epsilon \epsilon \sigma a, 68.1,2$ ．Arc．pres．$\tau \in \epsilon \omega$ ， 162.12
troúxa Boeot．＝Túxŋ． 24
tip El．$=\tau$ ts． 60.1
Tharlafo Corcyr． $105.2 a$
тvarts Cret．$=$ ovirbs． 66

тоl＝ol． 182
rot $\mathrm{El} .=\tau 6 \delta$ e． 122
Tout Boeot．$=$ olde． 122
тоiveos Thess．$=$ тồסe． 123
тotvl Arc．$=\tau \hat{\psi} \delta \epsilon . \quad 123$
тока W．Grk．＝тбте．13．3， 132.9

тоw Thess．$=\tau 6 \delta \mathrm{e} .123$
тóvs＝toús． 78

тобvvv Arc．$=$ тoúfঠe． 123
тоิто $=$ тоиิто． $34 a$
тov́ Boeot．$=\sigma$ ớ． 61.6
тôvveovv Thess．$=\tau$ ติvסe． 123
rоט̂ra Eub．，Delph．＝raûta． 124
тоútas Delph．$=$ taútas． 124
тоuтei W．Grk．＝тaútp here． 138.2
тои́тढ̄！Eub．＝тaúty． 124

тоuт＠Dor．，thence． 132.7
тофьшу Heracl．$=\tau a \phi \epsilon \omega \dot{\nu}$ burial－place．
6， 165.4
трака́bl Thess．$=$ трıaкd́ס．． 19.4
трáф $\eta$ Amorg．$=\tau d \phi \rho \eta . \quad 70.2$
тра́фоя Heracl．$=\tau$ dфроs．$\quad 70.2$
тples Cret．$=\tau \rho$ ếs． 42.3

тpfo Arg．$=\phi e \dot{\prime} \gamma \omega$ in technical sense．
No．78，note
трf̂s Ther．$=\tau \rho$ eits．25， 114.3
трй́когття Lesb．$=$ трıaкобтbs．＇ 116
 thirty feet wide

тplivg Cret．$=\tau \rho$ ềs． 114.3
 $\kappa \omega \lambda \iota o s ~ t h r e e-p r o n g e d ~ f o r k ~$
tpıravdyopous Arc．See mavdyopols
$\tau \rho$ Ís $_{s}=\tau \rho \in$ ís． 114.3
тpitpa тá Cret．，the threefold amount． 165．3，Law－Code I．36，note（p．262）
тто入lapXol Thess．（Phalanna），for $\pi$ ro－入lapXo．67，86．2．City officials（like the ravol of other Thessalian cities， also sometimes rayol at Phalanna）． Cf．the rolıcdexal of Thessalonica （Acts 17．6）and other Macedonian towns（Ditt．Syll．318）
$\tau 6$ Dor．$=\sigma \dot{v}, \sigma \epsilon$ ．61．6，118．2，5
tú，toss Boeot．$=$ rol，roîs． 30
tot Boeot．$=$ тol应． 128
тuifis Lesb．$=\tau \hat{\eta} \delta \mathrm{e}$ here． 138.4
то́ноs Corcyr．$=\tau$ т́цßos．No．89，note
tupela Heracl．，cheese－press
$\tau \omega v($ Arc．$=\tau 0 \hat{\delta} \boldsymbol{e}$
т $\mathrm{L}_{8}=$ тoús． 78
© Cypr．$=$ ènl． 185.8
$\psi_{\text {tals }}$ Cypr．，forever． 138.6
＇ $\mathbf{\beta} \beta$ pforas Thess．$=$＇ 1 ßplotas． 18
isapfortpov Lesb．，less pure．Used with кє $\rho \nu d \nu$ of mixing water and wine，and so applied also to the debasement of coinage．No．21，note
ispla Locr． $58 d$
vt Cret．＝ot． 132.4
vis Rhod．＝ot． 132.4
ví̛́g＝vibs． 112.2
fukla Boeot．＝olkia． $\mathbf{3 0}$
hulöptovros Thess．，from $\dot{\lambda} \lambda \omega \rho \hat{t} \omega$ be $\dot{i} \lambda \omega$－ pos，the official in charge of the public forests（cf．Arist．Pol．6．8．6）．41．4c， 63，157， 167
ùuiv late Cret．$=\dot{v} \mu e i ̂ s . \quad 119.2 a$

ор $\mu$ неs etc．Lesb．$=$ íneîs etc． 119
 $22 a$


ùbs，vives $=$ vibs，viós． 81

ünd El．，Lesb．＝ínc． 185.3
отар Pamph．＝їтер． 12
 sions of dating．App． 186.11

v̇т $\delta \theta \epsilon \mu \alpha=\dot{\nu} \pi \circ \theta \eta \kappa \eta$ security．No．109， note
 1，10．No．28．43，note
hvaí Cumae $=$ imb． 28 c
vis Arg．$=$ ot． 132.4

v่бтероцеเvvia Thess．，oviбтєромеเขia Boe－ ot．，the last day of the month
Öбtepos Arc． $58 d$
ひَбштos Ceos $=\mathbf{v} \sigma \sigma \omega \pi$ os．Semitic loan－ word，hence variation in spelling

$\phi а โ \mu$ Lesb．$=\phi \eta \mu l .47$
Фavatev́s，Фavorev́s Delph． 46
$\phi$ dios． 41.2
фар0＇ivos Arc．$=\pi \alpha \rho \theta \in$ vos． 65

фа́pXца Eрid．＝фра́үиа．49．2a， 66
фdр $\omega$ Locr．，El．，Delph．＝ $\boldsymbol{\phi} \hat{\rho} \omega .12$
фатрla $=\phi \rho a$ тpla． 70.3
фа ${ }^{\text {ords }}$ Delph．，light－gray．81，no． 51 C6，note
$\phi(\rho v a$ Epid．$=\phi \hat{\rho} \rho \nu \eta$, but meaning por－ tion（for the god）
$\phi \varepsilon \rho \sigma \sigma 0 \circ$ Epid．$=\phi \in \rho \epsilon \sigma \theta \omega \nu .140 .3 b$

$\phi$ ¢̂̂v Dodona $=\theta \in \omega ̂ \nu .68 .5$
фtр Lesb．$=$ өtp． 68.2
$\phi \theta$＇́par Arc．$=\phi \theta$ êpaı．$\quad 80$
$\phi \theta i ́ \rho p=e$ Lesb．$=\phi \theta \epsilon i \rho \omega .74$
$\phi \theta \dagger$ ре $\mathrm{Arc} .=\phi \theta e l \rho \omega .25,74$
$\phi$（vтatos Dor．$=\phi$（ т $^{2}$ атоs． 72

фоเvıкfia Ion．$=\gamma \rho d \mu \mu a \tau a$. Cf．Hdt． 5. 58．164．1
фovis Arc．$=$ фové́s． 111.4
фраттш Boeot．＝фрdj $\omega$ ．App． 84 a
фptrapXos Naples＝ ф parplapXos． 70.3
$\phi p l v$ Locr．$=\pi \rho$ lv． 68
$\phi p o v t o r ~ C y p r . ~=~ \phi \rho o v e ́ \omega \sigma r . ~ 59.4 ~$
 84
фvyabelo El．＝фuyaסé̋́w．161．1．Aor． subj．фuरaסévavтı， 151.1
$\phi$ ひ́ovтes Dodona $=$ OCovtes． 68.5
 witness．Cf．$\alpha \pi о \phi \omega \nu \in \omega$

Xápaסos Heracl．$=\chi$ a $\alpha \dot{\delta} \rho \boldsymbol{\rho}$ ravine．Cf． Hom．$\chi$ t́pados
Xaplfertar Boeot．$=$ xapléfav．58， 164.2


херр－Lesb．$=\chi$ еє $\rho-. \quad 79$

$\chi \eta \rho-=\chi \epsilon \rho-.25 b, 79$
${ }^{X}$（aco Att． 11 with App．，76， 117

xpaúsopal Cypr．＝following
храйораь Cypr．，border on． 101


 $\mu a$. ．Especially frequent in insular Doric
хри́rios Lesb．$=$ хрй́reos． 164.6
$\psi \dot{ф ф ү \mu а, ~} \psi а ф ф \mu \mu а$ Cret．$=\psi$ ффьгла． $142 a$
$\psi а \phi 18 \delta \omega$ Boeot．，Cret．$=\psi \eta \phi 15 \omega .84$
 фiनis act of voting．Locr．év ífolay $\operatorname{cd\nu }$



』 Dor．etc．$=8 \theta e v . \quad 182.7$
む̈ßa Lac． 51
$\boldsymbol{\omega} \nu=0$ öv． 25 c

£paia Coan，festivals celebrated at a fixed date．Cf．Hesych．wpaîa ．．．Td $\sigma \sigma \epsilon \tau a$,


क्ppos Cret．$=8 \rho 0$ ．${ }^{0} 54$
${ }_{9} \mathrm{~s}$ Boeot．$=$ ws． $58 a$
ott Cret．$=$ oũtıvos． 129.3


## CHARTS AND MAP

The charts are intended to exhibit, in a form which may be easily surveyed, the distribution of some of the more important peculiarities common to several dialects. Chart I (repeated with slight corrections from the author's article in Class. Phil. II, 241 ff .) represents a selection of phenomena which are especially significant for the interrelations of the dialects, and Chart Ia is a condensation of the same.

The presence of a given peculiarity is indicated by a cross opposite the name of the dialect and beneath a caption which, like those used in the Summaries, is sufficient to identify the phenomenon, though not always to define it, and should always be interpreted in the light of the section of the Grammar to which reference is made. The cross is sometimes surrounded by a circle as an intimation of some reservation, the nature of which will be understood from the section referred to.

The coloring of the dialect map represents the grouping of the dialects as described above, pp. 1 ff . The mixture in Thessaly and Boeotia is indicated, also the Aeolic streak in the Ionic of Chios. But the various Aeolic and Achaean survivals.scattered through West Greek territory are ignored. Along the western coast of Northern Greece the extent of Corinthian influence (see p. 10, note) is so imperfectly known that the coloring of Acarnania and the adjacent region is to be taken merely as a crude suggestion of the speėch conditions, and Epirus, from which we have only a few late inscriptions, has been left uncolored.



## $\because i$ Ti:: i. <br> f.

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| Attic |
| Ionic$\mathbf{E}$. <br> $\mathbf{C .}$ |
| Arcadian |
| Cyprian |
| Lesbian |
| Thessalian |
| Boeotian |

Phocian
Locrian
Elean
Laconian
Heraclean
Megarian
Corinthian
Argolic
Rhodian
Coan
Theran
Cretan





[^0]:    1 See aloo the Summaries of Claraperixira. 180-273, ard (7.artu I and Is at the end of the book.

[^1]:    ${ }^{1}$ It is equally natural, and quite justifiable as a matter of convenience, to apply the same names to these earlier divisions. That the name Ionian, for example, did not gain its current application on the mainland, but in the east, is of no consequence. Such generic terms are everywhere of gradual growth.
    ${ }^{2}$ That is, in a period contemporaneous with the Aeolic and Achaean occupation of other parts of Greece (see below). Of a still remoter period the view has been advanced that the Ionians formed the first wave of Greek migration, were in fact the much-discussed Pelasgians, and for a time occupied also the territory which with the next wave of migration became Aeolic or Achaean. This is, naturally, much more problematical.

[^2]:    
    
    
     pelled to fight against the Aeolians who founded these cities, namely the Boeotians; id. 3.2 Bot $\omega \tau \hat{\omega} \nu \xi^{2} \gamma \gamma e \nu \omega \hat{\nu}{ }^{\circ} \nu \tau \omega \nu$ (of the Lesbians).
    
    

[^3]:    
    
    
    
    
    
    

[^4]:    
    
    
    

[^5]:    1 "Achaean" is applied by some to a supposed stratum intermediate between that which survived in Arcado-Cyprian and the later Doric. But there is no good evidence, either linguistic or otherwise, that any such intermediate stratum ever existed.

[^6]:    ${ }^{1}$ Pamphylian, of which the meager remains permit only a very imperfect knowledge, and which is therefore, barring occasional references, ignored in this book, shows notable affinities on the one hand with Arcado-Cyprian ( $v=0, \boldsymbol{d} \xi$ with dat., etc.), on the other with West Greek (фiкarı, lapbs, סка, etc.). As Thessalian and Boeotian represent a mixture of Aeolic and West Greek, so Pamphylian of Achaean and West Greek. Quite probably the earliest colonists were Achaeans from the Peloponnesus, later followed by Dorians,

[^7]:    ${ }^{1}$ Sometimes called simply Aeolic. But, to avoid confusion with Aeolic in its wider sense, the designation Lesbian is to be preferred in spite of the formal impropriety of applying it to a dialect not restricted to Lesbos. Most of the material is actually from Lesbos.
    ${ }^{2}$ That Thessalian and Boeotian are only in part Aeolic, in part West Greek, has been explained above, pp. 2, 3.

[^8]:    ${ }^{1}$ From Aegina there is not much material from the period before the Athenian occupation, but enough to show that the dialect was Argolic (note lapeos with lenis, 58 b).

[^9]:    1 This distinction of eastern and western alphabets，the distribution of which is clearly shown in the Chart in Kirchhoff＇s Studien zur Geschichte des griechi－ schen Alphabets，has no connection with that of East and West Greek dialects， and is anything but coincident with it．

[^10]:    ${ }^{1}$ Some cases where the variation is quite possibly not inherited, but which fall into the same system, are included for convenience.

[^11]:    1 In quoting forms from inscriptions, wherever the sign for the spiritus asper appears in the original it is transcribed $h$, to be distinguished from ', which is supplied as a purely diacritical sign, like accent marks, and the employment of which is, in many special cases, of doubtful propriety. That is, the evidence is often insufficient to determine whether the omission of the sign of the asper is merely graphic, in which case we should transcribe the form with ', or due to an actual loss of the sound, in which case we should transcribe with '. As a working rule we employ the lenis in quoting forms without $h$ from inscriptions which have the character or are of a period when it was certainly in common use.

[^12]:    ${ }^{1}$ Some matters which strictly belong under this head have been discussed elsewhere, as the rhotacism of final s, treatment of final $\nu s$, etc.

[^13]:    1 We continue, as a matter of convention, to transcribe in the form of crasis where the combination belongs to those which commonly suffer crasis, even in cases where we believe the phenomenon is elision. For it is impossible to draw the line between crasis and elision with certainty. See also under 7, 8, 9.

[^14]:    ${ }^{1}$ As the personal pronouns, especially in the singular, are of comparatively rare occurrence in inscriptions, some forms are added which are quotable only from literary sources, - but only a few out of the great variety, for which see Kühner-Blass I, pp. 580 ff.

[^15]:    ${ }^{1}$ For convenience the form of the nominative is cited, rather than that of the stem.

[^16]:    ${ }^{1}$ An exhaustive list of peculiarities would also include proper names which are peculiar to，or especially frequent in，a given dialect．

[^17]:    ${ }^{1}$ Several of the characteristics cited below under the head of Arcadian or of Cyprian, for which corresponding forms are lacking or ambiguous in the other dialect, probably are also Arcado-Cyprian. See also 199.
    ${ }^{2}$ In this and similar captions "special" is not to be taken too rigorously. Some few peculiarities of which occasional examples are found elsewhere are included, e.g., in this section, $l \nu=\epsilon \nu$, which is regularly found only in ArcadoCyprian, but of which there are a few examples elsewhere.

[^18]:    ${ }^{1}$ Given under this head because of the agreement with Thessalian and Boeotian, although this agreement is accidental, Cyprian not sharing in the general phenomenon to which the Thessalian and Boeotian forms belong.

[^19]:    ${ }^{1}$ In some cases only East Thessalian (Pelasgiotis). See 214.

[^20]:    ${ }^{1}$ Really in Perrhaebia, so far as this was recognized as a distinct division of Thessaly, but in the part near Pelasgiotis.

[^21]:    ${ }^{1}$ In the Greek transcription the mutes are distinguished and the nasal before consonants is supplied in parentheses. But $\bar{\epsilon}$ and $\bar{o}$, not $\eta, \omega$, are used, in accordance with the practice adopted for other inscriptions where the signs $\eta$ and $\omega$ are not in use. For some uncertainties in regard to the proper transcription, see 199.
    
     $s e=-₹$ dгактоs.

[^22]:    tions. - 56 f. 'when Polemon was priest of Rome and Augustus.'

[^23]:    8iкat ${ }^{*} \mu \mu \eta$ vor.- 56 . Setting it (the boundary) back from the springs onto the pri-

[^24]:    ${ }^{1}$ These are arranged to correspond with the sections of the Grammar. The references are mostly to discussions outside of the Greek Grammars and the grammars of special dialects, as listed above, systematic citation of which would seem superfluous. And even for this scattered literature completeness has not been sought, and perhaps no consistent principle of selection will be evident. But in the main preference is given to the more recent articles in which the material is quoted with some fullness and the dialectic scope of a given peculiarity defined.

    In the notes some details are added which were intentionally omitted from the text, but also some few important forms which were omitted through oversight or became accessible too late to be incorporated in the text; these last including some forms from the new fragments of Corinna, Berliner Klassikertexte V.ii, 32 ff ., which failed to reach me until recently.

    The references, except those to the present work which are mostly by section numbers and in Clarendon type as usual, are by pages, or, for collections of inscriptions, by the numbers of the latter. In a case like Hoffmann's Griechische Dialekte, I. 135 would refer to no. 135, but I, 185 to p. 135.

[^25]:    ${ }^{1}$ The portion of this article which deals with Greece, and also the statements in the text, are condensed from a more comprehensive but unpublished study of this subject.

